

New Course Proposal**SECTION I: KEY INFORMATION**

Submission date	11/13/2020
Proposed by (faculty only)	Joseph S. Washburn
Presenter (faculty only)	Joseph S. Washburn
<b>NOTE:</b> Faculty presenter must be present at the Curriculum Committee meeting or the proposal will be returned to the School to be resubmitted for a later date.	
School	School of Health Professions
Program(s) or Certificate(s)	PSAV Firefighter I/II Certificate
Course Prefix, Number, and Title*	FFP 0031C Firefighter II
<b>NOTE:</b> Course prefix, number, and title must be determined by consulting the State Course Numbering System (SCNS). For assistance, please email <a href="mailto:Curriculum@fsw.edu">Curriculum@fsw.edu</a>	
Is this new course being proposed in response to a request from SCNS? (i.e., SCNS determined that an existing FSW course prefix/number does not align with state course standards)	Yes
If YES, indicate the Course Prefix, Number, and Title of the existing FSW course you are replacing.	FFP 0020C Firefighter II
If YES, are you submitting a Course Discontinuation for the equivalent existing course?	Yes
If you are not submitting a Course Discontinuation for an equivalent existing course, are the equivalencies ending?	Choose an item.

**SECTION II: TERM IN WHICH ACTION WILL BECOME EFFECTIVE**

<b>NOTE:</b> New Course Proposals must be submitted by the dates listed on the published Curriculum Committee Calendar. All new courses approved in the Fall semester take effect in the following academic year. Courses approved in the Spring semester take effect after one additional year. Exceptions to published deadlines or effective dates must receive approval from the Academic Dean and Provost.	
Academic term in which approved action will take effect	Exception (requires explanation and approval)
If requesting an exception to the effective date, provide an explanation below.	
Florida Department of Education along with the Florida Division of the State Fire Marshal has changed the certificate program hours from 398 to 492 hours effective July 1, 2020.	

**State mandated immediate redistribution of the new clock hours across the two required Certificate courses starting July 1, 2020.** For the cohort that entered the program in Summer 2020 (D term), FFP 0010C clock hours (206) were decreased to 191, and FFP 0020C clock hours (192) were increased to 301. **These courses are to be discontinued at the end of Fall 2020.**

This course proposal also partially satisfies the State’s second requirement to renumber the two courses: FFP 0010C Firefighter I is replaced by FFP 0030C Firefighter I (191 hours), and **FFP 0020C Firefighter II is replaced by FFP 0031C Firefighter II (301 hours).**

**The exception to the effective date is requested to enact these changes retroactively to the 2020-2021 Catalog, and to begin the new course FFP 0031C Firefighter II in Spring 2021.**

### **SECTION III: NEW COURSE INFORMATION**

**NOTE: All items must be completed.**

<b>Justification for New Course</b>	
The state mandated a change in course Firefighter II name and clock hours. FFP 0020C Firefighter II is being discontinued at the end of Fall 2020 semester, and replacement course FFP 0031C Firefighter II is to begin in Spring 2021 semester.	
<b>Course Prerequisite(s) and Minimum Grade(s) required (if higher than a D)</b>	FFP 0030C Firefighter I with a grade of “C” or higher and successful completion of the Florida SouthWestern State College Physical Agility Test (PAT).
<b>Justification for Prerequisite(s):</b> The Firefighter I/II Certificate requires two sequenced courses: FFP 0030C Firefighter I and FFP 0031C Firefighter II, both of which must be completed with a grade of C or better. Successful completion of the Physical Agility Test (PAT) demonstrates the student to be physically fit to perform an entry-level firefighter's tasks.	
<b>Course Corequisite(s)</b>	N/A
<b>Justification for Corequisite(s):</b> N/A	
<b>Should this course be listed as a corequisite on a paired course?</b>  (Ex. CHM 2032 and CHM 2032L are “paired corequisites.”)	Not Applicable
<b>Number of Course Credits or Clock Hours</b>	301 Clock Hours  [Converted credits-State clock hour to credit hour conversion is 30:1. 301 clock hours = 10.03 (round down to) 10 Credits] added by Jeffrey Peterman
<b>Number of Contact Hours (faculty load)</b>	(PSAV course lists clock hours)
Provide explanation if Contact Hours differ from Course Credits/Clock Hours.	

<b>Select Grade Mode</b>	Standard Grading (A, B, C, D, F)
<b>Credit Type</b>	Vocational Credit
<b>Is the course repeatable? *</b> <i>*Not the same as Multiple Attempts or Grade Forgiveness</i> A repeatable course may be taken more than once for additional credits. (Ex: MUT 2641, a 3-credit course, may be repeated 1 time for a maximum of 6 credits).	No
<b>Should any Degree or Major Restriction codes be listed on this course?</b> (i.e., “This course may only be taken by students who have been admitted to X Program”)	This course may only be taken by students who have been admitted into the Firefighter I/II Certificate program.
<b>Designate the course as General Education?</b>	No
<b>Designate the course as Writing Intensive?</b>	No
<b>Designate the course as International or Diversity Focus?</b>	No
<b>Do you expect to offer this course three times or less (experimental)?</b>	No
<b>Course Description:</b>	
This course is the second of a two-part program designed to prepare students to be eligible to sit for the State of Florida Firefighter II Certification exam. This Firefighter II minimum standard certification course is mentally, physically, and emotionally challenging and includes both classroom and practical application elements. The 301-hour course is 18 weeks in length and is scheduled on weeknights and weekends at the North Naples Fire Training Center. Upon successful completion of this course with a grade of C or higher, the student will be eligible to sit for State of Florida Firefighter II Certification exam.	
<b>Topic Outline:</b>	
The student must satisfy the requirements outlined in: <ul style="list-style-type: none"> <li>• NFPA 1001</li> <li>• Florida State Statute 69A-37.</li> </ul>	

#### **SECTION IV: COMPETENCIES & LEARNING OBJECTIVES (Information Only)**

**Syllabus Section IV - A. General Education Competencies – 1. Integral and/or 2. Supplemental**

<p><b>NOTE:</b> All FSW courses must include <i>one or more</i> “Integral” and <i>zero or more</i> “Supplemental” General Education CREATIVE competencies. <i>Course objectives/outcomes</i> that support the selected General Education Competency should be listed directly under the competency.</p>	
<p><b>1. Integral General Education Competency</b></p>	
<p>Communicate</p>	
<p><b>Course Outcomes/Objectives supporting this Integral competency:</b></p> <p>Describe and discuss the components of the history and philosophy of the modern-day fire department</p>	
<p><b>Integral General Education Competency:</b></p>	
<p>Analyze</p>	
<p><b>Course Outcomes/Objectives supporting this Integral competency:</b></p> <p>Analyze the primary compartment of fire as a chemical reaction, the significant phases of fire, and examine the main factors influencing fire spread and fire behavior.</p>	
<p><b>Section IV – B. Florida Statute requirement</b></p>	
<p><b>NOTE:</b> Part B is ONLY included on syllabi for <i>General Education Core courses</i>. All other syllabi (including “<i>other General Education</i>” courses) OMIT this statement.</p>	
<p>Is this a <b>General Education Core Course</b> as defined by Florida Statutes?</p>	<p>No</p>
<p>If YES, complete the sentence by selecting the appropriate option from the drop-down menu.</p> <p><i>B. In accordance with Florida Statute 1007.25 concerning the state’s general education core course requirements, this course meets the general education competencies for:</i></p>	<p>Not Applicable</p>
<p><b>Section IV - C. Additional Course Learning Objectives or Outcomes</b></p>	
<p><b>NOTE:</b> This section is for course-specific learning objectives that do not contribute to assessment of the General Education Competencies listed above. For all courses <i>other than the General Education Core courses</i>, this section will be labeled <b>IV - B:</b> on the course syllabus.</p>	
<p>5.1 General. For qualification at Level II, the Firefighter II shall meet the general knowledge requirements in 5.1.1, the general skill requirements in 5.1.2, the JPRs defined in Sections 5.2 through 5.5 of this standard, the requirements defined in Chapter 4, and knowledge of the Incident Management System sections of ICS 200 as described.</p>	
<p>5.1.1 General Knowledge Requirements. Responsibilities of the Firefighter II in assuming and transferring command within an incident management system, performing assigned duties in conformance with applicable NFPA and other safety regulations and AHJ procedures, and the role of a Firefighter II within the organization.</p>	

<p>5.1.2 General Skill Requirements. The ability to determine the need for command, organize and coordinate an incident management system until command is transferred, and function within an assigned role in an incident management system.</p>
<p>5.2 Fire Department Communications. This duty shall involve performing activities related to initiating and reporting responses, according to the JPRs in 5.2.1 and 5.2.2.</p>
<p>5.2.1 Complete a basic incident report, given the report forms, guidelines, and information, so that all pertinent information is recorded, the information is accurate, and the report is complete.  (A) Requisite Knowledge. Content requirements for basic incident reports, the purpose and usefulness of accurate reports, consequences of inaccurate reports, how to obtain necessary information, and required coding procedures.  (B) Requisite Skills. The ability to determine necessary codes, proof reports, and operate fire department computers or other equipment necessary to complete reports.</p>
<p>5.2.2* Communicate the need for team assistance, given fire department communications equipment, SOPs, and a team, so that the supervisor is consistently informed of team needs, departmental SOPs are followed, and the assignment is accomplished safely.  (A) Requisite Knowledge. SOPs for alarm assignments and fire department radio communication procedures.  (B) Requisite Skills. The ability to operate fire department communications equipment.</p>
<p>5.3 Fireground Operations. This duty shall involve performing activities necessary to ensure life safety, fire control, and property conservation, according to the JPRs in 5.3.1 through 5.3.4.</p>
<p>5.3.1* Extinguish an ignitable liquid fire, operating as a member of a team, given an assignment, an attack line, PPE, a foam proportioning device, a nozzle, foam concentrates, and a water supply, so that the correct type of foam concentrate is selected for the given fuel and conditions, a properly proportioned foam stream is applied to the surface of the fuel to create and maintain a foam blanket, fire is extinguished, reignition is prevented, team protection is maintained with a foam stream, and the hazard is faced until retreat to safe haven is reached.  (A) Requisite Knowledge. Methods by which foam prevents or controls a hazard; principles by which foam is generated; causes for poor foam generation and corrective measures; difference between hydrocarbon and polar solvent fuels and the concentrates that work on each; the characteristics, uses, and limitations of firefighting foams; the advantages and disadvantages of using fog nozzles versus foam nozzles for foam application; foam stream application techniques; hazards associated with foam usage; and methods to reduce or avoid hazards.  (B) Requisite Skills. The ability to prepare a foam concentrate supply for use, assemble foam stream components, master various foam application techniques, and approach and retreat from spills as part of a coordinated team.</p>
<p>5.3.2* Coordinate an interior attack line for a team's accomplishment of an assignment in a structure fire, given attack lines, personnel, PPE, and tools, so that crew integrity is established; attack techniques are selected for the given level of the fire (e.g., attic, grade level, upper levels, or basement); attack techniques are communicated to the attack teams; constant team coordination is maintained; fire growth and development is continuously evaluated; search, rescue, and ventilation requirements are communicated or managed; hazards are reported to the attack teams; and incident command is apprised of changing conditions.  (A) Requisite Knowledge. Selection of the nozzle and hose for fire attack, given different fire situations; selection of adapters and appliances to be used for specific fireground situations; dangerous building</p>

conditions created by fire and fire suppression activities; indicators of building collapse; the effects of fire and fire suppression activities on wood, masonry (brick, block, stone), cast iron, steel, reinforced concrete, gypsum wallboard, glass, and plaster on lath; search and rescue and ventilation procedures; indicators of structural instability; suppression approaches and practices for various types of structural fires; and the association between specific tools and special forcible entry needs.

(B) Requisite Skills. The ability to assemble a team, choose attack techniques for various levels of a fire (e.g., attic, grade level, upper levels, or basement), evaluate and forecast a fire's growth and development, select tools for forcible entry, incorporate search and rescue procedures and ventilation procedures in the completion of the attack team efforts, and determine developing hazardous building or fire conditions.

5.3.3\* Control a flammable gas cylinder fire, operating as a member of a team, given an assignment, a cylinder outside of a structure, an attack line, PPE, and tools, so that crew integrity is maintained, contents are identified, safe havens are identified prior to advancing, open valves are closed, flames are not extinguished unless the leaking gas is eliminated, the cylinder is cooled, cylinder integrity is evaluated, hazardous conditions are recognized and acted upon, and the cylinder is faced during approach and retreat.

(A) Requisite Knowledge. Characteristics of pressurized flammable gases, elements of a gas cylinder, effects of heat and pressure on closed cylinders, boiling liquid expanding vapor explosion (BLEVE) signs and effects, methods for identifying contents, how to identify safe havens before approaching flammable gas cylinder fires, water stream usage and demands for pressurized cylinder fires, what to do if the fire is prematurely extinguished, valve types and their operation, alternative actions related to various hazards, and when to retreat.

(B) Requisite Skills. The ability to execute effective advances and retreats, apply various techniques for water application, assess cylinder integrity and changing cylinder conditions, operate control valves, and choose effective procedures when conditions change.

5.3.4\* Protect evidence of fire cause and origin, given a flashlight and overhaul tools, so that the evidence is noted and protected from further disturbance until investigators can arrive on the scene.

(A) Requisite Knowledge. Methods to assess origin and cause; types of evidence; means to protect various types of evidence; the role and relationship of Fire Fighter IIs, criminal investigators, and insurance investigators in fire investigations; and the effects and problems associated with removing property or evidence from the scene.

(B) Requisite Skills. The ability to locate the fire's origin area, recognize possible causes, and protect the evidence.

5.4 Rescue Operations. This duty shall involve performing activities related to accessing and disentangling victims from motor vehicle accidents and helping special rescue teams, according to the JPRs in 5.4.1 and 5.4.2.

5.4.1\* Extricate a victim entrapped in a motor vehicle as part of a team, given stabilization and extrication tools, so that the vehicle is stabilized, the victim is disentangled without further injury, and hazards are managed.

(A) Requisite Knowledge. The fire department's role at a vehicle accident, points of strength and weakness in auto body construction, dangers associated with vehicle components and systems, the uses and limitations of hand and power extrication equipment, and safety procedures when using various types of extrication equipment.

(B) Requisite Skills. The ability to operate hand and power tools used for forcible entry and rescue as designed; use cribbing and shoring material; and choose and apply appropriate techniques for moving or removing vehicle roofs, doors, windshields, windows, steering wheels or columns, and the dashboard.

5.4.2\* Assist rescue operation teams, given standard operating procedures, necessary rescue equipment, and an assignment, so that procedures are followed, rescue items are recognized and retrieved in the time as prescribed by the AHJ, and the assignment is completed.

(A) Requisite Knowledge. The fire fighter's role at a technical rescue operation, the hazards associated with technical rescue operations, types and uses for rescue tools, and rescue practices and goals.

(B) Requisite Skills. The ability to identify and retrieve various types of rescue tools, establish public barriers, and assist rescue teams as a member of the team when assigned.

5.5 Fire and Life Safety Initiatives, Preparedness, and Maintenance. This duty shall involve performing activities related to reducing the loss of life and property due to fire through hazard identification, inspection, and response readiness, according to the JPRs in 5.5.1 through 5.5.5.

5.5.1\* Perform a fire safety survey in an occupied structure, given survey forms and procedures, so that fire and life safety hazards are identified, recommendations for their correction are made to the occupant, and unresolved issues are referred to the proper authority.

(A) Requisite Knowledge. Organizational policy and procedures, common causes of fire and their prevention, the importance of a fire safety survey and public fire education programs to fire department public relations and the community, and referral procedures.

(B) Requisite Skills. The ability to complete forms, recognize hazards, match findings to preapproved recommendations, and effectively communicate findings to occupants or referrals.

5.5.2\* Present fire safety information to station visitors or small groups, given prepared materials, so that all information is presented, the information is accurate, and questions are answered or referred.

(A) Requisite Knowledge. Parts of informational materials and how to use them, basic presentation skills, and departmental standard operating procedures for giving fire station tours.

(B) Requisite Skills. The ability to document presentations and to use prepared materials.

5.5.3\* Prepare a pre-incident survey, given forms, necessary tools, and an assignment, so that all required occupancy information is recorded, items of concern are noted, and accurate sketches or diagrams are prepared.

(A) Requisite Knowledge. The sources of water supply for fire protection; the fundamentals of fire suppression and detection systems; common symbols used in diagramming construction features, utilities, hazards, and fire protection systems; departmental requirements for a pre-incident survey and form completion; and the importance of accurate diagrams.

(B) Requisite Skills. The ability to identify the components of fire suppression and detection systems; sketch the site, buildings, and special features; detect hazards and special considerations to include in the pre-incident sketch; and complete all related departmental forms.

5.5.5 Perform an annual service test on fire hose, given a pump, a marking device, pressure gauges, a timer, record sheets, and related equipment, so that procedures are followed, the condition of the hose is evaluated, any damaged hose is removed from service, and the results are recorded.

(A)\* Requisite Knowledge. Procedures for safely conducting hose service testing, indicators that dictate any hose be removed from service, and recording procedures for hose test results.

(B) Requisite Skills. The ability to operate hose testing equipment and nozzles and to record results.

## **SECTION V: STATE INFORMATION**

**Copy and Paste the SCNS Course Profile Description below  
([http://scns.fldoe.org/scns/public/pb\\_index.jsp](http://scns.fldoe.org/scns/public/pb_index.jsp)).**

INSTRUCTION INCLUDES A COMBINATION OF THEORY, LABORATORY AND SUPPORTIVE COURSES, SPECIALTY COURSES INCLUDE FIRE PROTECTION, FIRE SUPPRESSION, FIRE PREVENTION, FIRE PROTECTION SYSTEMS, FIRE FIGHTING TACTICS AND STRATEGY, BUILDING CONSTRUCTION, HAZARDOUS MATERIALS AND FIRE HYDRAULICS AND EQUIPMENT. SUPPORTIVE COURSES INCLUDE HUMAN RELATIONS AND COMMUNICATION SKILLS, INSTRUCTIONAL COMPONENTS INCLUDE EMPLOYABILITY SKILLS AND MAY INCLUDE FREE ENTERPRISE AND CONSUMER EDUCATION. THE COOPERATIVE METHOD OF INSTRUCTION MAY BE UTILIZED. INSTITUTIONS SEEKING SPECIALIZED STATE CERTIFICATION OF ITS STUDENTS MUST HAVE COURSES APPROVED BY, AND INSTRUCTORS CERTIFIED BY, THE BUREAU OF FIRE STANDARDS AND TRAINING. INSTRUCTION INCLUDES A COMBINATION OF THEORY, LABORATORY AND SUPPORTIVE COURSES, SPECIALTY C.	
ICS code for this course	POSTSECONDARY VOCATIONAL (PSV) - 1.27.01 - PUBLIC SERVICE
Institutional Reporting Code	11112 Health Professions
Course Attributes	PSAV - Postsecondary Adult Vocational
Course Attributes (if needed)	Choose an item.

## **SECTION VI: IMPACTS AND FACULTY ENDORSEMENTS**

<b>Impact of Course Proposal</b>	
Will this new course proposal impact other courses, programs, departments, or budgets?	No
N/A	
Have you discussed the academic and/or budgetary impact of the proposed course with affected parties, including Deans?	No
N/A	
Will the proposed course impact Library services or budgets?	No
Have you discussed impacts with the Libraries' Collection Manager?	No
List all faculty endorsements below.	
<b>NOTE: Proposals will be returned if faculty endorsements are not provided.</b>	
Joseph S. Washburn, Mike Jimenez	

## **SECTION VII: ATTACHMENTS**

**Please save all documents in Word format (.doc, .docx) rather than pdf.**

- **New Course Syllabus [Master]**
- Any relevant supporting documents justifying addition of course



**UPLOAD THIS PROPOSAL AND ALL NECESSARY ATTACHMENTS TO CURRICULOG.**