

Course Equivalency Worksheet
FIRE SERVICE HYDRAULICS
FFP 1301, BFST 1301, ATPC 1301

Applicant Name:	FCDICE Number:
Email:	Date:

Applicants who wish to request a Course Equivalency shall complete the following worksheet and attach the following information in the order that it appears on this list.

Please note that BFST will not evaluate a Course Equivalency Request until ALL the required information has been submitted.

Items Required for a Course Equivalency Determination	√ When Attached / Completed
Create an email addressed to FireCollegeTraining@MyFloridaCFO.com	
Please note that there <u>shall be only one Course Equivalency Request per email. Requests for multiple Course Equivalency Evaluations shall each be submitted individually in separate emails.</u>	
The subject of the email shall be "Course Equivalency Request."	
- Attach an educational syllabus or agenda for the class that includes: - The name and course number of the course that was completed. - The name of the institution that sponsored the course. - The contact information for the instructor. - The required number of classroom or interactive hours for the course. - A description of the course objectives, student learning outcomes, or job performance requirements covered in the course.	
Attach a verifiable transcript or record from the educational institution that shows proof of successful course completion.	
Attach this completed Course Equivalency Worksheet that details how each of the Job Performance Requirements of the BFST-Approved Course were satisfied by the course for which equivalency is being requested.	
Course Equivalency Requests are only evaluated during the last two (2) weeks of each month. There are no exceptions.	

JPR's NFPA 1041 (2012 ed.)	Job Performance Requirement	How was the JPR satisfied by the Course for which Equivalency is Requested?
General	5.1* The requirements of Fire Fighter 1 as specified in NFPA1001 (or the requirements of Advanced Exterior Industrial Fire Brigade Member or Interior Structural Fire Brigade Member as specified in NFPA1081) and the job performance requirements defined in Sections 5.1 and 5.2 shall be met prior to qualifying as a fire department driver/operator—pumper.	No Response Required for This JPR.
	5.1.1 Perform the routine tests, inspections, and servicing functions specified in the following list in addition to those in 4.2.1, given a fire department pumper, its manufacturer's specifications, and policies and procedures of the jurisdiction, so that the operational status of the pumper is verified: (1) Water tank and other extinguishing agent levels (if applicable) (2) Pumping systems (3) Foam systems (A) Requisite Knowledge. Manufacturer's specifications and requirements, and policies and procedures of the jurisdiction. (B) Requisite Skills. The ability to use hand tools, recognize system problems, and correct any deficiency noted according to policies and procedures.	
	5.2.1 Produce effective hand or master streams, given the sources specified in the following list, so that the pump is engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems: (1) Internal tank	

	(2)*Pressurized source (3) Static source (4) Transfer from internal tank to external source (A) Requisite Knowledge. Hydraulic calculations for friction loss and flow using both written formulas and estimation methods, safe operation of the pump, problems related to small-diameter or dead-end mains, low-pressure and private water supply systems, hydrant coding systems, and reliability of static sources. (B) Requisite Skills. The ability to position a fire department pumper to operate at a fire hydrant and at a static water source, power transfer from vehicle engine to pump, draft, operate pumper pressure control systems, operate the volume/pressure transfer valve (multistage pumps only), operate auxiliary cooling systems, make the transition between internal and external water sources, and assemble hose lines, nozzles, valves, and appliances.	
	5.2.2 Pump a supply line of 2½ in. (65 mm) or larger, given are lay pumping evolution the length and size of the line and the desired flow and intake pressure, so that the correct pressure and flow are provided to the next pumper in the relay. (A) Requisite Knowledge. Hydraulic calculations for friction loss and flow using both written formulas and estimation methods, safe operation of the pump, problems related to small-diameter or dead-end mains, low-pressure and private water supply systems, hydrant coding systems, and reliability of static sources. (B) Requisite Skills. The ability to position a fire department pumper to operate at a fire hydrant and at a static water source, power transfer from vehicle engine to pump, draft, operate pumper pressure control systems, operate the volume/pressure transfer valve (multistage pumps only), operate auxiliary	

	cooling systems, make the transition between internal and external water sources, and assemble hose lines, nozzles, valves, and appliances.	
	5.2.3 Produce a foam fire stream, given foam-producing equipment, so that properly proportioned foam is provided. (A) Requisite Knowledge. Proportioning rates and concentrations, equipment assembly procedures, foam system limitations, and manufacturer's specifications. (B) Requisite Skills. The ability to operate foam proportioning equipment and connect foam stream equipment.	