

# Memorandum of Understanding

FY-22-02 – Adjunct Instructor

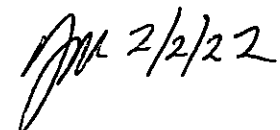
This Memorandum of Understanding (MOU) is entered into this 02<sup>nd</sup> Day of February, 2022 by and between the PASCO COUNTY, FLORIDA BOARD OF COUNTY COMMISSIONERS (hereinafter referred to as “County” and the PASCO COUNTY PROFESSIONAL FIREFIGHTERS, IAFF LOCAL 4420, (hereinafter referred to as “Union”).

WHEREAS, the COUNTY and UNION have previously reached an Agreement to engage in a Collective Bargaining Agreement (CBA), commenced on January 11, 2022 and still in force, and;

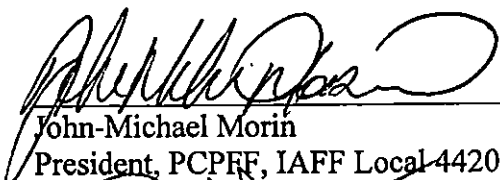
WHEREAS, both the COUNTY and UNION have jointly agreed to make the following change to Article 44 of the Rank and File CBA.

NOW THEREFORE, the parties agree as follows:

1. The Adjunct Instructor position is voluntary.
2. Adjunct Instructors shall be compensated per hour worked at the rate negotiated between Pasco County and IAFF Local 4420.
3. The Adjunct Instructor shall not be eligible for overtime as a result of their work as an instructor.
4. The Adjunct Instructor is a representative of Pasco County and Pasco County Fire Rescue.
5. Adjunct Instructors shall follow all Pasco County and Pasco County Fire Rescue policies and procedures and may be subject to discipline for violation(s) accordingly.
6. Adjunct Instructors shall be covered by the applicable Collective Bargaining Agreement.
7. Employees who wish to become Adjunct Instructors shall submit a Letter of Interest (LOI) package to the Division Chief of Training for qualification as an Adjunct Instructor. Included in the LOI shall be a resume` and copies of applicable instructor credentials.
8. The Adjunct Instructor’s credentials/certifications MUST be uploaded to Target Solutions prior to submission of the LOI.
9. Adjunct Instructors must sign the Adjunct Instructor Employment Contract prior to being utilized as an instructor.

 2/2/22

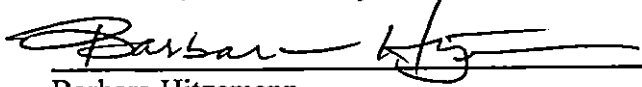
10. Qualified instructors shall be added to the Adjunct Instructor list and may be utilized at the discretion of the Division Chief of Training or designee.
11. An Adjunct Instructor shall only be utilized for curriculum which he/she is explicitly qualified.
12. Adjunct Instructors shall not be reassigned from a shift assignment for a teaching assignment without authorization from the Battalion Chief, Shift Commander, and Division Chief of Training. An Adjunct Instructor may only be reassigned for a teaching assignment when his/her position may be backfilled without the use of overtime. Any deviation MUST be approved by the Fire Chief or designee.
13. Adjunct Instructors who have been assigned to teach a class/course shall not be eligible for shift overtime until after the teaching assignment is completed.
14. Adjunct Instructors shall report to a Lead Instructor, as assigned by the Division Chief of Training or designee.
15. Adjunct Instructors shall be monitored by the Lead Instructor for competency and effectiveness in the classroom/training environment.
16. Adjunct Instructors shall teach courses according to the curriculum assigned without deviation. Deviating from prescribed curriculum without prior approval of the Division Chief of Training shall result in revocation of Adjunct Instructor qualification.

  
 \_\_\_\_\_  
 John-Michael Morin  
 President, PCPFF, IAFF Local 4420

2/2/2022  
 Date

  
 \_\_\_\_\_  
 Scott M. Cassin  
 Fire Chief, Pasco County Fire Rescue

2/2/2022  
 Date

  
 \_\_\_\_\_  
 Barbara Hitzemann  
 Director of Human Resources, Pasco County BOCC

2/14/2022  
 Date

# Memorandum of Understanding

FY-22-01 – Lead Fire Inspector Job Description and Wages

This Memorandum of Understanding (MOU) is entered into this 19<sup>th</sup> Day of January, 2022 by and between the PASCO COUNTY, FLORIDA BOARD OF COUNTY COMMISSIONERS (hereinafter referred to as "County" and the PASCO COUNTY PROFESSIONAL FIREFIGHTERS, IAFF LOCAL 4420, (hereinafter referred to as "Union").


WHEREAS, the COUNTY and UNION have previously reached an Agreement to engage in a Collective Bargaining Agreement (CBA), commenced on October 1, 2020 and still in force, and;

WHEREAS, both the COUNTY and UNION have jointly agreed to make the following change outlined below to Article 49 of the Rank and File CBA.

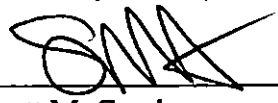
NOW THEREFORE, the parties agree as follows:

Pasco County Fire Rescue will incorporate a Lead Fire Inspector position within the Community Risk Reduction Division, as defined by the attached Lead Fire Inspector Salary Disclosure/General Description.

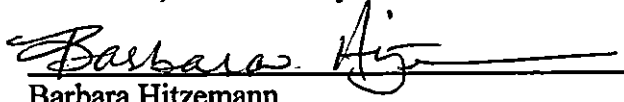
Additionally, the current Pasco County Fire Rescue Pay Plan will be revised to reflect this incorporation, as attached (Exhibit B of the current CBA - revised).

  
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John-Michael Morin  
President, PCPFF, IAFF Local 4420

1/19/2022  
Date

  
\_\_\_\_\_  
Scott M. Cassin  
Fire Chief, Pasco County Fire Rescue

1/19/2022  
Date

  
\_\_\_\_\_  
Barbara Hitzemann  
Director of Human Resources, Pasco County BOCC

2/14/2022  
Date

# Mathematical Analysis

Chapter 1: The Real Number System

The real number system is the foundation of mathematical analysis. It consists of all numbers that can be represented on a number line. The real numbers are divided into several categories: natural numbers, integers, rational numbers, and irrational numbers. The set of real numbers is denoted by  $\mathbb{R}$ .

The real number system is a complete ordered field. This means that it has the properties of a field (addition, multiplication, and their inverses) and is ordered (less than or greater than). The completeness property states that every non-empty set of real numbers that is bounded above has a least upper bound (supremum).

Definition: A real number  $x$  is the supremum of a set  $S$  if and only if

(1)  $x$  is an upper bound for  $S$ , and  
(2) for every  $\epsilon > 0$ , there exists an element  $s \in S$  such that  $s > x - \epsilon$ .

The real number system is also characterized by the Archimedean property, which states that for any real number  $x$ , there exists a natural number  $n$  such that  $n > x$ .

Definition: A real number  $x$  is the infimum of a set  $S$  if and only if

(1)  $x$  is a lower bound for  $S$ , and  
(2) for every  $\epsilon > 0$ , there exists an element  $s \in S$  such that  $s < x + \epsilon$ .

The real number system is also characterized by the density property, which states that between any two real numbers, there exists another real number.

Definition: A real number  $x$  is the limit of a sequence  $(x_n)$  if and only if

for every  $\epsilon > 0$ , there exists a natural number  $N$  such that for all  $n > N$ ,  $|x_n - x| < \epsilon$ .