

An Articulation Program Between

**Pensacola State College for and on behalf of The District Board of Trustees of Pensacola State
College, Florida and
University of West Florida for and on behalf of the University of West Florida Board of Trustees
(UWF)**

UWF Articulated Undergraduate Degree Requirements

Title of Agreement: Bachelor of Science in Computer Science/Computer Science

Type of Agreement: Two plus Two (2+2)

Major: Computer Science

College: Science, Engineering and Health

Degree: Bachelor of Science

Limited Access Program: No

Contacts – University of West Florida:

1. **Dr. George Ellenberg,
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2. **Dr. Michael Huggins, Dean, College of Science, Engineering and Health,
(850) 474-2741, E-mail: mhuggins@uwf.edu Bldg 4, Rm 426**
3. **Dr. Sikha Bagui, Chair, Department of Computer Science and Director, Center for
Cybersecurity,
(850) 474-3022, E-mail: bagui@uwf.edu, Bldg 4, Rm 227**

Contacts – Pensacola State College

1. **Dr. Erin Spicer, Vice President, Academic Affairs
Phone: (850) 484-1706, E-mail: espicer@pensacolastate.edu , Bld 7, Rm 729**
2. **Mr. Dan Busse, Dean, Workforce Education
Phone: (850) 484-1158, E-mail: dbusse@pensacolastate.edu, Bld 96, Rm 9615**
3. **Mr. Danny Steele, Director, Applied Technology
Phone: (850) 484-2522, E-mail: dsteele@pensacolastate.edu; Bld 17, Rm 1760**
4. **Mr. Rich Cacace, Program Director, Computer Science
Phone: (850) 484-2052, E-mail: rcacace@pensacolastate.edu , Bld 17, Rm 1731**

Introduction

Pensacola State College (PSC), in collaboration with the University of West Florida (UWF) College of Science, Engineering and Health, has constructed a two plus two (2+2) articulation agreement in which PSC agrees to offer lower division courses leading up to the **UWF Bachelor of Science in Computer Science/Computer Science**.

Program Goal

The Associate of Arts in Computer Science is designed to prepare students to work in the field as well as prepare students who wish to transfer into the Bachelor of Science degree program in Computer Science at UWF. The Bachelor of Science program in **Computer Science/Computer Science** emphasizes analytical thinking and problem solving using scientific applications. The degree includes the theoretical foundations of computer science in the study of algorithms, data structures, computer architecture, programming languages, and net-centric computing.

Articulated Associate of Arts/Bachelor of Science degree in Computer Science/Computer Science:

Students will successfully complete the Associate of Arts in **Computer Science** at Pensacola State College.

Students will successfully complete the Pensacola State College General Education requirement.

Pensacola State College will indicate completion on the student's official transcript.

UWF will accept all courses from the Associate of Arts at PSC as indicated below in the course equivalency table.

Pensacola State College Course			Equivalent UWF Course		
Number	Name	CC	Number	Name	CC
ENC1101C	English Composition I	3	ENC1101	English Composition I	3
ENC1102	English Composition II	3	ENC1102	English Composition II	3
ECO2013	Macroeconomics	3	ECO2013	Principles of Economics Macro	3
	Humanities (General Education Core Course)	3		Humanities General Education Course	3
	Humanities (Literature: LIT, AML, or ENL prefix)	3		Humanities General Education Course	3
	Any Social Sciences General Education Course	3		Social Science General Education Course	3
	General Education Elective or Foreign Language II	3		General Education Course or Foreign Language II	3
Students will complete one of the following four biological sciences courses		3	Science course for science majors per Common Prerequisite Manual		3
BSC1010	Principles of Biology		BSC2010	Biology I	

Pensacola State College Course			Equivalent UWF Course			
Number	Name	CC	Number	Name	CC	
BSC1011	Principles of Biological Diversity		BSC2011	Biology II		
EVR2001	Introduction to Environmental Science			Natural Sciences General Education Course		
ZOO1010	General Zoology			Natural Sciences General Education Course		
MAC2311	Analytic Geometry & Calculus I	4	MAC2311	Analytic Geometry and Calculus I	4	
MAC2312	Analytic Geometry & Calculus II	4	MAC2312	Analytic Geometry and Calculus II	4	
PHY2048	Physics I with Calculus (Category VII)	4	PHY2048	University Physics I	3	
PHY2048L	Physics I with Calculus Laboratory	1	PHY2048L	University Physics I Lab	1	
PHY2049	Physics II with Calculus	4	PHY2049	University Physics II	3	
PHY2049L	Physics II with Calculus Laboratory	1	PHY2049	University Physics II Lab	1	
COP1510	Programming Concepts	3		Introductory Programming Course per Common Prerequisite Manual	3	
CGS1570	Computer Concepts & Applications	3	CGS2570	Personal Computer Applications	3	
COP2224	C++Programming	3	COP2334	Programming Using C++	3	
COP2800	Java Programming	3	COP2253	Programming Using Java	3	
	Program Elective (COP, CAP, CGS, CTS, or CET prefix)	3		Lower Division Elective	3	
	Program Elective (COP, CAP, CGS, CTS, or CET prefix) or Foreign Language I	3		Lower Division Elective or Foreign Language I	3	
Total College Credits			60	Total College Credits		60

Upper Division Program of Study at the University of West Florida

Major Courses (51 sh)

COT 3100	Discrete Structures.....	3
CDA 3101	Introduction to Computer Organization	3
CIS 4590	Capstone Project I.....	3
CIS 4592	Capstone Project II	3
COP 4710	Database Systems.....	3
COP 3014	Algorithm and Program Design	3
COP 3530	Data Structures and Algorithms I	3
COP 4020	Programming Languages	3

COP 4331	Object Oriented Programming	3
COP 4534	Data Structures and Algorithms II	3
COP 4634	Systems & Networks I	3
COP 4635	Systems & Networks II	3
COT 4420	Theory of Computation	3
List of pre-approved concentration courses available in the department.		12

Major-Related Courses (9 sh)

MAS 3105	Linear Algebra	3
MHF 3202	Set Theory and Mathematical Logic	3
STA 4321	Introduction to Mathematical Statistics I	3

Students must meet UWF’s requirement of 48 semester hours at the upper division and must complete at least 25% of the degree requirements (30 semester hours) at UWF.

Agreement Provisions

1. Admission to UWF

The University of West Florida subscribes to the Florida Articulation Agreement for students who have earned an Associate of Arts (A.A.) degree from a Florida public institution.

Undergraduate transfer applicants who have not earned the A.A. degree from a Florida public institution must meet the following requirements:

- a. Be in good standing and eligible to return to the last post-secondary institution attended as a degree-seeking student;
- b. Have a cumulative 2.0 Grade Point Average (“GPA”) on a 4.0 system. The GPA is calculated using all transferable post-secondary credits;
- c. Satisfy the minimum admission requirements for entering FTIC students (See UWF Regulation 3.001) if transferring with fewer than 60 semester hours; and
- d. Demonstrate proficiency to the second level of the same foreign language (or American Sign Language) taken either in high school or at the undergraduate institution(s) attended previously.
 - 1. Transfer students not meeting the foreign language requirement may be admitted; however, if admitted, such students are required to complete the foreign language requirement prior to UWF graduation.
 - 2. Transfer students who received an Associate of Arts (“AA”) degree from a Florida public college or university prior to September 1, 1989 are exempt from this requirement.

2. Graduation GPA Requirements

- a. A 2.0 cumulative GPA for all post-secondary institutions attended;
- b. A grade of C- or higher in all courses used to fulfill major requirements at UWF and a cumulative GPA in those courses of 2.50.

- c. No more than 24% of the program requirements may be in traditional business courses.
3. **Immunization**
Students who plan to take courses on the UWF campus are required to provide proof of Immunization against Rubeola (measles) and Rubella (German measles) prior to enrollment. Students are also required to present proof of immunization for Meningococcal Meningitis and Hepatitis B or sign a waiver indicating their informed decision not to be vaccinated.
4. **Updates**
General: This agreement is subject to change by legislative action, the State Board of Education, the Division of Colleges and Universities, the Florida College System, the Florida Board of Governors, the University of West Florida, Pensacola State College or external accrediting agencies. This agreement will be reviewed by both parties on a yearly basis to ensure the currency of this document.
5. **Resources**
Resources for the implementation of this agreement may come from either party, depending on budget availability. No party hereto is obligated to expend any resources whatsoever in connection with this agreement. No implementation of any portion of this agreement, or commencement of any specific projects, may be initiated prior to the written assurance of such budgetary availability to the other party hereto. To the extent that any external funding is required by the University of West Florida in order to implement this agreement and funding for such purposes is not appropriated to the University of West Florida by the legislature of the State of Florida or is not otherwise available to the University of West Florida, the University of West Florida shall hence forth have no further financial obligations hereunder. In the event the University of West Florida does not have sufficient legislative appropriations to carry out any obligations under this agreement, it shall immediately notify Pensacola State College of such portions of this agreement that may be deemed terminated as a result of such failure of appropriations.
6. **College Level Communications and Computation Skills**
Students are subject to the provisions of State Board of Education Rule 6A-10.030, College Level Communications and Computation Skills (often referred to as the “Gordon Rule”), which require completion of 12 semester hours of general education writing-emphasis coursework and six semester hours of general education mathematics coursework. College-level writing skills will be demonstrated through multiple assignments in the writing-emphasis courses. Each institution shall designate the courses that fulfill the writing and computation requirements.
7. **Statewide Articulation Agreement**
This agreement is in compliance with the Statewide Articulation Agreement regarding the Statewide Common Course Numbering System rules on course equivalency.

8. **Public Records**

All parties shall allow public access to all documents, papers, letters, or other materials subject to the provisions of Chapter 119, Florida Statutes, and made or received in connection with this agreement. Refusal by either to allow such public access shall be grounds for unilateral cancellation of this agreement.

Term of this Agreement

1. This articulated curriculum agreement shall continue for a period of five (5) years from the effective date of execution. The effective date of this agreement shall be determined from the date of the last signature. It will be automatically renewed for an additional one (1) year period unless either party provides the other written notice no later than sixty (60) days prior to the expiration of the preceding term that it wishes to terminate this agreement. If either party fails to follow the terms and conditions of the agreement as set forth therein, the other party has the right to terminate this agreement upon sixty (60) days written notice to the other.

2. Notices with respect to the rights and obligations of each party hereto shall be provided as follows:

University of West Florida:

Dr. Martha Saunders, Provost and Vice President for Academic Affairs

Dr. Michael Huggins, Dean, College of Science, Engineering and Health

Dr. Sikha Bagui, Professor and Chair

Pensacola State College:

Dr. Erin Spicer, Vice President, Academic Affairs

Mr. Dan Busse, Dean, Workforce Education

Mr. Danny Steele, Director, Applied Technology


3. Modifications, additions, or deletions from this agreement must be in writing and signed by both parties. The designated representatives for the University and the College are listed upon "Approvals."

Entire Agreement

This agreement contains the entire agreement of the parties in connection with the subject matter hereof, and supersedes any and all prior and contemporaneous agreements between the parties whether written or oral.

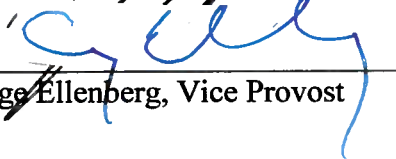
Approvals:

THE DISTRICT BOARD OF TRUSTEES OF
PENSACOLA STATE COLLEGE, FLORIDA

BY: 
C. Edward Meadows, President

10/1/15
Date

UNIVERSITY OF WEST FLORIDA

BY: 
George Ellenberg, Vice Provost

10-27-15
Date

Approved as to Form:

By: 
Thomas J. Gilliam, Jr., General Counsel for
Pensacola State College

APPROVED AS TO
FORM AND LEGALITY

OFFICE OF THE GENERAL COUNSEL