

Academic Credit Agreement

Hampton University

- **BS in Business Management**
- **BS in Business Management with Information Systems Concentration**
- **BS in Electrical Engineering**



STATEMENT OF AGREEMENT
BETWEEN
HAMPTON UNIVERSITY
UNIVERSITY COLLEGE,
SCHOOL OF ENGINEERING AND TECHNOLOGY
AND
THE APPRENTICE SCHOOL
HUNTINGTON INGALLS INDUSTRIES- NEWPORT NEWS SHIPBUILDING

This agreement is hereby entered into between Hampton University, University College and The Apprentice School Huntington Ingalls Industries – Newport News Shipbuilding. The missions of the two entities are: 1) To share broad educational opportunities for postsecondary learners; 2) To gain skills toward more rewarding and productive lives through self-enrichment; 3) To provide students the opportunity to make a smooth transition from one educational level to the next without experiencing delays, duplication of courses, or loss of credits; 4) To provide opportunities for advanced training, increase flexibility in scheduling and promote more informed career decision making. Therefore, Hampton University, University College and School of Engineering and Technology and the Apprentice School / Huntington Ingalls hereby agree to the following:

Responsibilities of University College and the School of Engineering and Technology

1. University College and the School of Engineering and Technology will admit Apprentice School / Huntington Ingalls Industries – Newport News Shipbuilding students who have successfully completed both the World Class Shipbuilder Curriculum, Advanced Program Track, and one of two advance, optional programs (Business Administration or Engineering – Electrical), and who have completed the University College application process for admission into a baccalaureate degree program.;
2. University College and the School of Engineering and Technology will accept The Apprentice School / Huntington Ingalls Industries-Newport News Shipbuilding courses and earned credits as lower and upper division credit upon receipt of the student's official Apprentice School transcript;

**Responsibilities of the Apprentice School / Huntington Ingalls Industries-Newport
News Shipbuilding**

1. Complete the World Class Shipbuilder Curriculum, Advanced Program Track, and one of two advanced, optional programs (Business Administration or Engineering- Electrical)
2. Complete the University College Admission Application.

This agreement will be reviewed biannually or whenever major changes are proposed by either institution. The transfer of course equivalency is based upon the program completion of the World Class Shipbuilder Curriculum, Advanced Program Track, and one of two advanced, optional programs (Business Administration or Engineering – Electrical). Upon completion, students will be eligible for admission into one of the following fields of study:

Academic Credit Agreement					
Apprentice School / Huntington Ingalls Industries - Newport News Shipbuilding					
and					
Hampton University					
University College					
Bachelor of Science Degree in Business Management					
	University College			Apprentice School	
Course Number	Course Title	HOURS	Course Number	Course Title	HOURS
ACCT 203	Accounting Principles I	3	A211	Principles of Accounting I	3
ACCT 204	Accounting Principles II	3	A212	Principles of Accounting II	3
CSOS 201	Introduction to Computers	3	C211	Introduction to Computers	3
ECON 201	Principles of Economics I (Macro)	3	E201	Principles of Economics I - Macroeconomics	3
ECON 202	Principles of Economics I (Micro)	3	E202	Principles of Economics II (Micro)	3
ENGL 101	Written Communication I	3	E111	College Composition I	3
ENGL 102	Written Communication II	3	E112	College Composition II	3
ENGL 214	Selections in Literature	3	E241	Survey of American Literature	3
HEAL 200	Health Education	2	HLT 210 or Team Sports activity	Workplace Stress Management or Team Sports activity up to a maximum of 2 credit hours	2
HIST 202	U.S. History 1865 - Present	3	H122	United States History II	3
MATH 117	Precalculus I	3	M163	Precalculus with Trigonometry	3
MATH 130	Calculus	3	M173/M270	Calculus w/Analytic Geometry I or Applied Calculus	3
MGMT 215	Principles of Statistical Analysis	3	B216	Probability and Statistics for Business and Economics	3
MGMT 301	Business Organization and Management	3	B112/122	Problem Solving / Business Operations	3
MGMT 340	Business Communication	3	C232/243	Technical Communications II / III	3
MGMT 402	Production/Operations Mgmt	3	B215/O233	Production Planning/Shipboard Operations	3
Science and Technology	Intro to Physical Science	3	P221/P222	Physical Science II	3
PHIL 305	Ethics and Leadership	3	P220	Ethics	3

RELATED ELECTIVES					
MATH 418	Precalculus II	3	M165	Precalculus II	3
MGMT 300	Total Quality Management	3	B209	Total Quality Management	3
GENERAL ELECTIVES					
HIST 201	U.S. History to 1865	3	H121	United States History 1	3
CSOS 213	Computer Applications	3	ITE 119	Information Literacy	3
PHYS 200	General Physics	3	P202	Gen. College Physics	3

Note: The Sixty-Eight (68) credit hours above will be awarded towards the degree requirements of the Bachelor of Science in Business Management provided the students have successfully completed the World Class Shipbuilder Curriculum, Pre-Advanced Curriculum and the Business Administration Curriculum.

Academic Credit Agreement

• Apprentice School / Huntington Ingalls Industries - Newport News Shipbuilding
and
Hampton University
School of Engineering

Bachelor of Science Degree in Electrical Engineering

Apprentice School	CR	Tidewater Community College	Hampton University Engineering Programs	CR
E111 College Composition I	3	ENG 111 College Composition I	ENG 101 Written Communication I	3
*C232 Technical Communications II	3	ENG 112 College Composition II	ENG 102 Written Communication II	3
Humanities/Fine Arts elective	3	Humanities/Fine Arts elective	Humanities/Fine Arts elective	3
Humanities/Fine Arts elective	3	Humanities/Fine Arts elective	Humanities/Fine Arts elective	3
C243 Technical Communications III	3	CST Principles of Public Speaking	COM 103 Oral Communication	3
E201 Principles of Economics -Macro.	3	ECO 201 Principles of Economics-Macro.	ECO 201 Social Science Elective	3
M173 Calculus with Analy. Geometry I	4	MTH 173 Calculus with Analy. Geom. I	MAT 151 Calculus I	4
M174 Calculus with Analy. Geometry II	4	MTH 174 Calculus with Analy. Geom. II	MAT 152 Calculus II	4
M279 Ordinary Differential Equations	4	MTH 279 Ordinary Diff. Equations	MAT 260 Differential Equations	4
P241 University Physics I	4	PHY 241 University Physics I	PHY 203	4
P242 University Physics II	4	PHY 242 University Physics II	PHY 203	4
C221 College Chemistry I	4	CHM 111 College Chemistry I	CHE 201 Gen Chem & Quant. Analy. I	4
C222 College Chemistry II	4	CHM 112 College Chemistry II	CHE 202 Gen Chem & Quant. Analy. II	4
HLT/201/H10 Athletics	1	HLT/PED Health/Phys. Ed Elective	PED Elective	1
E120 Introduction to Engineering	2	EGR 120 Introduction to Engineering	EGR 101 Introduction to Engineering	2
E125 Intro. To Engineering Methods	4	EGR 125 Intro. To Engineering Methods	EGR 102 Intro. To Structured Prog.	3
E140 + E245 Statics and Dynamics	6	EGR 140 + EGR 245 Statics and Dynamics	EGR 219 Engineering Mechanics	3
E271 Circuit Analysis	3	EGR 271 Circuit Analysis	EGR 218 Circuit Analysis I	3

Total Credits Transferred	58
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Electives and other:				
E246 Mechanics of Materials	3	EGR 246 Mechanics of Materials	EGR 304 Mechanics of Materials	3
E270 Fundamentals of Computer Engineering	3	EGR270 Fundamentals of Computer Eng.	EGR 213 Digital Electronics	3
E261 Signals and Systems	3	EGR 261 Signals and Systems	ELN 307 Signals and Systems Analysis	3
E272 Circuit Theory II	3	EGR 272 Circuit Theory II	ELN 302 Circuit Analysis II	3

Note: E125 teaches C++ but not Matlab

*Pending approval by Hampton University Department of English

MTGE

12-19-2014

Mr. Todd Estes, Academic Program Liaison,
Apprentice School, Newport News Shipbuilding -
Huntington Ingalls Industries

Date

James H. Hughes

12-19-2014

James H. Hughes, Ph.D., Manager, Training
Apprentice School, Newport News Shipbuilding -
Huntington Ingalls Industries

Date

Everett H. Jordan, Jr.

12-19-14

Everett H. Jordan, Jr., Director, Education
Apprentice School, Newport News Shipbuilding -
Huntington Ingalls Industries

Date

Doretha J. Spells
Vice President for Business Affairs and Treasurer,
Hampton University

Date

JoAnn W. Haysbert

JoAnn W. Haysbert
Executive Vice President and Provost
Hampton University

Date

Faye Hardy-Lucas

1/28/15

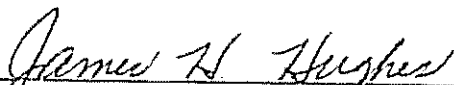
Atty. Faye Hardy-Lucas
Vice President and General Counsel
Hampton University

Date

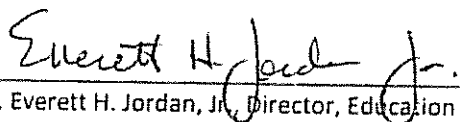
All parties have accepted and agreed to terms outlined in the approved Memorandum of Understanding between Hampton University and the Apprentice School as indicated by the signatures that have been affixed to this document at Hampton University on this ninth day of February Two thousand and fifteen.



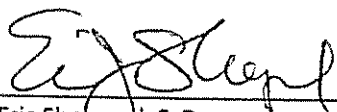
Mr. Todd Estes, Academic Program Liaison,
Apprentice School, Newport News Shipbuilding –
Huntington Ingalls Industries



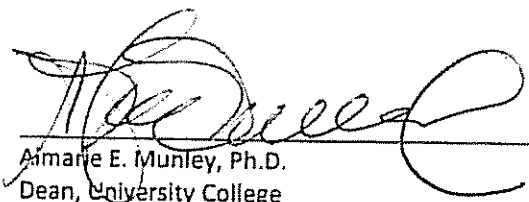
James H. Hughes, Ph.D., Manager, Training
Apprentice School, Newport News Shipbuilding –
Huntington Ingalls Industries



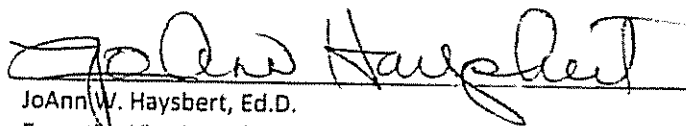
Mr. Everett H. Jordan, Jr., Director, Education
Apprentice School, Newport News Shipbuilding –
Huntington Ingalls Industries



Eric Sheppard, ScD.
Dean, School of Engineering and Technology
Hampton University



Aimee E. Munley, Ph.D.
Dean, University College
Hampton University



JoAnn W. Haysbert, Ed.D.
Executive Vice President and Provost
Hampton University



HAMPTON UNIVERSITY
University College

Hampton University
University College

Memorandum of Understanding: The Apprentice School/Huntington Ingalls Industries – Newport News Shipbuilding

Effective Date: March 23, 2015

IN WITNESS THEREOF, the undersigned have reviewed and agreed to the Memorandum of Understanding between Hampton University and the Apprentice School of Huntington Ingalls Industries- Newport News Shipbuilding as of the date of the signatures below.

By: [Signature]
Dr. Almarie Muntley, Dean, University College

Date: 01-14-2015

By: [Signature]
Dr. Eric Sheppard, Dean, School of Engineering and Technology

Date: 1/20/15

By: [Signature]
Dr. Johann Haysbert, Executive Vice President and Provost

Date: 1/22/15

By: [Signature]
Attorney Faye Hardy-Ducas, Vice President and General Counsel

Date: 1/28/15

By: [Signature]
Mrs. Doretha Spells, Vice President for Business Affairs and Treasurer

Date: 2-2-15

RECEIVED
BY THE GENERAL COUNSEL
JAN 23 2015
HAMPTON UNIVERSITY
HUNTINGTON, VA 23042