

2 + 2 Agreement Between

Hutchinson Community College and Pittsburg State University

The purpose of this 2+2 agreement is to provide a mutually beneficial relationship between Hutchinson Community College (HutchCC), Pittsburg State University and students desiring to complete an Associate of Science degree following a Physics transfer pathway at HutchCC and a Bachelor of Science degree in Physics at Pittsburg State University. This agreement outlines the necessary courses that can be taken at each institution to fulfill the requirements for an Associates of Science degree at HutchCC following a Physics transfer pathway and a Bachelor of Science degree in Physics at Pittsburg State University. The purpose of this agreement is to provide a clear path for students to follow to set them up for a smooth transition to Pittsburg State University. The student will complete their first two years at HutchCC and a subsequent two years at Pittsburg State University. Pittsburg State University agrees that if a student completes the list of courses outlined in the attached curriculum guide for the Associates of Science degree following the Physics transfer pathway at HutchCC they will have fulfilled and satisfied the requirements for the first two years of the Bachelor of Science degree in Physics at Pittsburg State University.

This agreement does not remove the requirement for students to meet the general admission requirements and any additional specific degree requirements outlined in the Pittsburg State University catalog.

Both institutions will work with students to provide advising, guidance and additional student support services throughout their time at each institution.

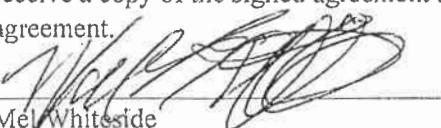
Each institution agrees to coordinate with one another when curriculum changes occur that will affect the curriculum outline of courses noted in the attached curriculum guide for both degrees. Should curriculum changes occur at either of the institutions it will be their responsibility to notify the other institution and initiate an amendment or revision of this 2+2 agreement.

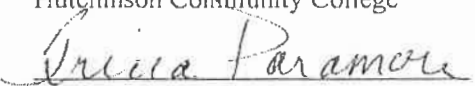
Each institution will individually market and promote this agreement.


This agreement can be terminated at any time with a minimum of 12 months notice from one institution to the other. Should this agreement be terminated at any time, all students currently participating in the agreement will be afforded an applicable and appropriate amount of time to complete the degrees.

This agreement shall be reviewed every five years to determine whether it should continue, be revised or terminated.

This agreement shall commence on the date of the last completed signature. Both institutions shall receive a copy of the signed agreement and shall keep it on file and implement for the term of the agreement.


Mel Whiteside
Vice President of Academic Affairs
Hutchinson Community College


Dr. Tricia Paramore
President
Hutchinson Community College
1/9/2025


Dr. Susan Bon
Provost and Vice President for Academic Affairs
Pittsburg State University

**2+2 HutchCC/PSU Bachelor
of Science in Physics**

HutchCC Courses		PSU Equivalent Courses
General Education Courses		
English Discipline	6	English Discipline Bucket 1
Communications Discipline	3	Communications Discipline Bucket 2
MA111 Analytical Geometry and Calculus I *	5	MATH-150 Calculus I
CH105 Chemistry I*	3	CHEM-215 General Chemistry I
	2	CHEM-216 General Chemistry I Laboratory
Social & Behavioral Sciences Discipline	6	Social & Behavioral Sciences Discipline Bucket 5
Arts & Humanities Discipline	6	Arts & Humanities Discipline Bucket 6
PY201 Engineering Physics I*	4	PHYS-104 Engineering Physics I
	1	PHYS-130 Elementary Physics Laboratory I
PY202 Engineering Physics II*	4	PHYS-105 Engineering Physics II
	1	PHYS-131 Elementary Physics Laboratory II
Major Courses		
CH106 Chemistry II	5	CHEM-225 General Chemistry II
		CHEM-226 General Chemistry II Laboratory
CS111 Visual Basic Programming	3	CIS-230 Introduction to Programming
MA113 Analytical Geometry and Calculus II	5	MATH-155 Calculus II
MA201 Analytical Geometry and Calculus III	5	MATH-253 Calculus III
MA206 Differential Equations	3	MATH-553 Differential Equations
Total Hutch CC	62	

*Recommended: Course required for the University degree, completion in the SGE/transfer degree is recommended.

PSU Courses	
MATH-212 Matrix Algebra	2
PHYS-500 Mathematical Physics	3
PHYS-510 Analytical Mechanics I	3
PHYS-512 Electricity and Magnetism I	3
PHYS-516 Modern Physics I	3
PHYS-530 Intermediate Physics Laboratory	3
PHYS-532 Electronic Circuits I	3
PHYS-612 Electricity and Magnetism II	3
PHYS-691 Senior Research Project	2
PHYS-699 Senior Review and Assessment	1
PHYS-714 Statistical Thermodynamics	3
PHYS-716 Introductory Quantum Mechanics	3
UD Science/Math/Tech Elective	2
Free electives/minor	26
Total PSU	60