

AGREEMENT

COLLEGE OF ENGINEERING AND MINERAL RESOURCES
WEST VIRGINIA UNIVERSITY
AND
WHEELING JESUIT UNIVERSITY

PREAMBLE: One of the goals of West Virginia University (“WVU”) is to make academic programs available to citizens of the state of West Virginia and the region, providing there is student need, faculty expertise, and sufficient resources. This Agreement would establish a *3-plus-2 program* between Wheeling Jesuit University (“WJU”) and WVU for students wishing to pursue a B.S. degree in Engineering at WVU, who have successfully completed the first three years of required engineering course work at WJU, in accordance with the terms and conditions of this Agreement. This Agreement seeks to reduce demands upon the WVU Admissions and Records Office for transfers from WJU into the WVU College of Engineering and Mineral Resources (“CEMR”) by formalizing the educational equivalents received for courses taken at WJU, and specifying the remaining class work needed to complete the B.S. in *Engineering* at CEMR. As the academic and administrative units at WVU are asked to become more efficient, this Agreement attempts to minimize the effort required to transition certain transfer students from WJU into WVU and to further WVU’s recruiting and enrollment of students from WJU.

AGREEMENT:

- Supervision of the 3-plus-2 program at WJU will be by the Academic Vice-president and at WVU will be by the Associate Dean for Academic Affairs for CEMR. Notwithstanding anything herein to the contrary, the parties hereto agree and acknowledge that each party hereto shall maintain all control over all aspects of its academic programs, including, but not limited to, admissions.
- WJU students wishing to transfer to WVU’s Engineering Program hereunder must meet the minimum entrance requirements to the Engineering Program as established by WVU. Such requirements may change from time to time, at the discretion of WVU.
- The above-referenced WJU Academic Vice-president will provide the CEMR with assessment outcomes on WJU courses the Engineering program at WVU designates as necessary to fulfill the American Board of Engineering and Technology accreditation responsibilities.
- Based upon the evaluation of such and other relevant material, a specific 3-plus-2 program of study will be developed, by WVU Faculty in one of the college’s engineering major programs, which specifies

what courses will remain to be taken at WVU by students transferring from WJU to complete the B.S. degree as part of the 3-plus-2 program.

- This Agreement shall become effective on August 22, 2008 and shall extend indefinitely, unless and until either party hereto gives notice of cancellation to the other party at least ninety (90) days before the effective date of the cancellation. In addition, either party hereto may cancel this Agreement upon a material breach hereof by the other party hereto, with notice of cancellation to such other party.
- Each party hereto agrees to comply with, and abide by, any and all federal, state and local laws, rules and regulations applicable to its activities as contemplated herein. In addition, each party hereto agrees to execute such other documents, perform such other acts and provide such other assistance, as may reasonably be required by the other party hereto to further the purposes of this Agreement.
- Neither party hereto shall use in any way, shape or form, the other party's name, logo or other designation proprietary to it, or any derivation thereof, without the prior written consent of the other party.
- Except as otherwise expressly provided for herein, this Agreement shall not be amended or modified, except as set forth in a document executed by duly authorized representatives of the parties hereto. This Agreement shall be construed and enforced in accordance with the laws of the State of West Virginia. This Agreement constitutes the entire agreement and understanding between the parties, and supersedes any and all previous or contemporaneous agreements or understandings relating to the subject matter hereof.

Initial details of the curriculum for the engineering option at WJU and of the courses required to complete the various B.S. degree at WVU hereunder, which requirements are subject to change at the discretion of WVU, are listed in Attachment 1.

West Virginia University Approvals:

_____	_____
Dr. Eugene V. Cilento	Date
Dean	
College of Engineering and Mineral Resources	

_____	_____
Dr. Michele G. Wheatly	Date
Provost and Vice President for Academic Affairs	
West Virginia University	

Wheeling Jesuit University Approvals:

_____	_____
Dr. Letha Zook	Date
Academic Vice-President,	
Wheeling Jesuit University	

3/2 Program Leading to a BS Degree in Applied Science from Wheeling Jesuit University and a BS Degree in Mechanical Engineering from West Virginia University

First Year - WJU

First Semester	Hrs.	Second Semester	Hrs.
HIS 110	3	HIS 120	3
ENG 105/110 [†]	3	LIT 120 [†]	3
PHY 110 Physics I	4	PHY 120 Physics II	4
PHY 121 Lab I	1	PHY 122 Lab II	1
MAT 111 Calc I	4	MAT 112 Calc II	4
PHY 160a Engineering Orientation I	1	PHY 160b Engineering Orientation II	1
Total	16	Total	16

Second Year - WJU

First Semester	Hrs.	Second Semester	Hrs.
PHY 243 Statics	3	PHY 311 Modern Physics	4
MAT 211 Calc III	4	PHY 321 Modern Lab	1
PHI 105	3	MAT 212 Differential Equations	4
LIT 250 [†]	3	PHY 313 Comp. Physics	4
CHE 110 + 121 Lab	5	Modern Language I	3
Total	18	Total	16

Third Year - WJU

First Semester	Hrs.	Second Semester	Hrs.
PHY 331 Mechanics I*	3	PHY 317 Thermodynamics**	4
Modern Language II	3	RST 106	3
PHI 205 [4,6]	3	2 ND RST Class	3
ECO 110 Macroeconomics	3	PHI 305 or RST 305	3
Global Perspectives 110	3	Fine Arts	3
Total	15	Total	16

Summer before transferring take at WVU

	Hrs.
MAE 243 Mechanics of Materials	3
Total	3

Fourth Year - WVU

First Semester	Hrs.	Second Semester	Hrs.
MAE 211 Machatronics	3	MAE 321 Applied Thermodynamics	3
EE 221 Intro to Electrical Eng.	3	MAE 342 Dynamics of Machines	3
EE 221 Intro to Electrical Eng. Lab.	1	IENG 302 Manufacturing Process	2
MAE 343 Intermediate Mech. of Matls	3	IENG 303 Manufacturing Process Lab	1
MAE 316 Analysis of Eng. Sys.	3	MAE 322 Thermal and Fluids Lab	1
Total	13	MAE 331 Fluid Mechanics	3
		MAE 244 Dynamics & Strength Lab	1
		Total	14

West Virginia University –Wheeling Jesuit University Articulation Agreement

Fifth Year - WVU

First Semester	Hrs.	Second Semester	Hrs.
Technical Elective	3	Technical Elective	3
MAE 454 Machine Design & Mfg.	3	MAE 411 Advanced Mechatronics	3
MAE 456 CAD/Finite Element Analysis	3	MAE 423 Heat Transfer	3
MAE 471 Prin. of Engineering Design	3	MAE 460 Automatic Controls	3
GEC Elective – Objective 7	3	Total	12
Total	15	Grand Total	154

† ENG 105 & 110 is equivalent to ENGL 101 and LIT 120 & 250 is equivalent to ENGL 102

GEC equivalencies met in the WJU Curriculum are:

- HIS 120 meets GEC Objective 3
- PHI 105 meets GEC Objective 4
- Fine Arts elective meets GEC Objective 5
- PHI 205 meets GEC Objective 6
- HIS 110 meets GEC Objective 8
- Global Perspective 110 meets GEC Objective 9