ARTICULATION AGREEMENT

for a

Bachelor of Science Degree in Aeronautical Technology (AERT)

between

Purdue Polytechnic-Indianapolis and Vincennes University

Statement of Intent

The purpose of this articulation agreement is to provide a basis for a cooperative relationship between the two institutions and to benefit prospective students who desire to complete a ***Bachelor of Science degree in Aeronautical Technology (AERT) at Purdue Polytechnic-Indianapolis***. Such eligibility is subject to the conditions detailed below and in attachments to this agreement. In addition to formalizing this relationship, this document is intended to serve as planning and advising resource for prospective students and to faculty members and administrators who relate to them.

Principles Upon Which Articulation Is Based

a) The articulation initiatives are consistent with the Indiana Commission for Higher Education's State Policy on Bachelor's Degree Programs Offered at Public Institutions in Indiana.

b) Academic cooperation between Vincennes University and Purdue University faculty and administration in the School of Aviation & Transportation Technology program at Indianapolis has existed before and will continue in a spirit of collaboration that provides the basis for all articulation initiatives.

c) Potential students must complete and possess an Associate of Science degree from Vincennes University in Aviation Maintenance Technology or Aviation Flight Technology in Indianapolis prior to transferring to the Aeronautical Technology (AERT) program at the Purdue Polytechnic Indianapolis.

d) Matriculating students must meet the admission standards required by Purdue University for admission to the program, which includes a minimum 2.0 GPA.

e) In order to complete the AERT Bachelor of Science degree in four years, Vincennes University students may need to take additional courses each term in which they are enrolled, including summer sessions. The requirement for this will vary from student to student, contingent upon the courses completed while enrolled at Vincennes University that qualify for transfer to the Purdue plan of study.

f) Each institution will provide the other with current catalogs, program outlines, and course descriptions. When appropriate and to the extent possible, Vincennes University will make it possible for Purdue faculty and/or admission counselors to meet with prospective transfer students to explain transfer opportunities.

g) Recognizing that changes in curricula and course content are inevitable, both institutions agree to discuss with the partner institution all curriculum changes affecting this agreement before those changes are implemented.

Specifics of Articulated Programs

1. *Curriculum and Course Articulation*

a) For purposes of articulation, the Vincennes University technology courses must be equivalent to Purdue University technology courses. These courses form the lower division course work for the B.S. degree in Aeronautical Technology. Specific courses meeting these requirements are found in the attached list.

b) Other credits, including technical credits, not counted toward specific general education requirements or Aeronautical Technology program requirements, may be accepted as undistributed elective credit and will be considered for acceptance by the School of Aviation & Transportation Technology on the same evaluative basis used in transferring credits from other accredited colleges and universities.

c) Some of the transfer credits from Vincennes University may not count toward Purdue University's graduation requirements; for example, 30000 level courses transferred from Vincennes to Purdue will not count toward the 32 credit hour upper division requirement.

d) Vincennes University students transferring to the Purdue Polytechnic AERT program will be required to complete 32 credits of 30000 and 40000 level courses while enrolled as Purdue students. Credit for 30000 and 40000 level courses that transfer from Vincennes to Purdue will not meet this requirement. A student MUST be enrolled as a Purdue student when earning this credit.

2. *Faculty Credentials*

a) Vincennes University faculty will conform to the required college standard for instructional faculty credentials.

b) These credentialing requirements apply to full-time regular faculty as well as to temporary and/or adjunct faculty.

3. *Course Transfer and Grandfathering*

a) Courses completed by Vincennes University students prior to the implementation of this articulation agreement will be evaluated for transfer credit on a course-by-course basis, consistent with the prescribed policies and practices of the Purdue Polytechnic Indianapolis.

b) A course grade of "C-" or better must be earned at Vincennes University for that credit to be accepted at Purdue University.

4. *Means of Course Transfer*

   a) All students transferring course credit from Vincennes University to Purdue University will do so via official transcripts.

5. *Program Review*

   a) Purdue University - West Lafayette reserves the right to periodically review the Vincennes University programs and courses, as they relate to this articulation agreement.

Effective Date, Amendment, and Termination

a) Terms of this articulation agreement will be effective beginning Spring semester. 2017.

b) Each institution will inform the other, through the heads or associate heads of the respective academic unit, of any institutional plans or changes that have impact upon the points of this articulation prior to implementing those plans or changes.

c) Written notice of intention to terminate or withdraw from this articulation agreement will be submitted by the academic head of either institution not less than one calendar year prior to the proposed date of termination/withdrawal.

d) This articulation agreement will be in force when the conditions specified herein have been met.

Agreed to this 1st day of December 2016:

John H. Mott
Associate Head
School of Aviation & Trans. Technology
Purdue University, West Lafayette

Michael D. Gehrich
Director, Aviation Technology Cente
Vincennes University

Gary R. Bertoline
Dean, Purdue Polytechnic Institute
Purdue University, West Lafayette

Dean K. Ackerman
Interim Dean, Technology Division
Vincennes University

Candiss Vibbert
Associate Provost for Special Initiatives
Purdue University

Laurel A. Smith
Interim Provost
Vincennes University

PURDUE UNIVERSITY

Aeronautical Technology

Purdue Polytechnic Institute

AERT

120 credits for graduation

Departmental/Program Major Courses (111 credits)

Required Major Courses[1] (59 credits) (See Supplemental Information)

_____	(1)	AT 10000	Introduction to Aviation Technology
_____	(3)	AT 10200	Aviation Business
_____	(3)	AT 10300	Aerospace Vehicle Propulsion and Tracking Systems
_____	(3)	AT 10600	Basic Aircraft Science
_____	(4)	AT 14400	Private Pilot Lectures
_____	(3)	AT 20200	Aerospace Vehicle Systems Design, Analysis and Operations
_____	(3)	AT 20300	Aviation Operations Management
_____	(3)	AT 49800	AT Capstone
_____	(36)	AOT Selectives[2] (See Supplemental Information)	

Other Departmental /Program Course Requirements (52 credits)

_____	(3)	Humanities Foundational Selective[3] *(satisfies Human Cultures: Humanities for core)*
_____	(3)	Behavioral/Social Science Foundational Selective[4] *(satisfies Human Culture: Behavioral/Social Science for core)*
_____	(3)	TECH 12000 – Technology and the Individual *(satisfies Science, Technology, & Society for core)*[4]
_____	(4)	PHYS 21800 – General Physics *(satisfies Science Selective for core)*
_____	(3)	Science Foundational Selective[5] *(satisfies Science Selective for core)* – PHYT 101 & 101L – Technical Physics
_____	(3)	English Composition Selective[6] *(satisfies Written Communication for core)* – ENGL 101 – English Composition I
_____	(3)	COM 11400 – Fundamentals of Speech Communication[7] *(satisfies Oral Communication for core)* – COMM 143 - Speech
_____	(3)	MA 15300 – Algebra & Trig I[8] (satisfies *Quantitative Reasoning Selective* for core) – MATH 102 – College Algebra
_____	(3)	MA 15800 – Precalculus
_____	(3)	Economics Selective[9] – ECON 208 – Personal Finance Management
_____	(3)	Advanced English Selective[10]
_____	(3)	Technical Communications Selective[11]
_____	(3)	STAT 30100 – Elementary Statistical Methods *(satisfies Information Literacy Selective for core)*
_____	(12)	Any University-approved minor or departmentally-approved thematic area of study[12]
_____	(0)	Globalization[13]

Free Electives (9 credits)

_____ (3) _____ _____ (3) _____ _____ (3) _____

University Core Requirements

Human Cultures Humanities	☐	**UCC Selective**	*Science, Technology & Society Selective*	☐	**TECH 12000**
Human Cultures Behavioral/Social Science	☐	**UCC Selective**	*Written Communication*	☐	**ENGL 10100** (ENGL 10100)
Information Literacy	☐	**STAT 30100**	*Oral Communication*	☐	**COM 11400** (COMM 143)
Science Selective	☐	**PHYS 21800**	*Quantitative Reasoning*	☐	**MA 15300** (MATH 102)
Science Selective	☐	**PHYS 21400** (PHYT 101 & 101L)			

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The student is ultimately responsible for knowing and completing all degree requirements.
MyPurduePlan is knowledge source for specific requirements and completion.

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- **Purdue policy states that a student may attempt registration in a course no more than three times. An attempt is defined as all courses displayed on a student transcript having grades of (including, but not limited to) A, B, C, D, E, F, W, WF, I and IF.**
- **120 semester credits required for Bachelor of Science degree.**
- **2.0 Graduation GPA required for Bachelor of Science degree.**
- **NOTE: Students must take 32 credit hours of 30000 or 40000 level classes while a PURDUE student - this is REQUIRED.**

Aeronautical Technology (201720) **Revised 09/2016 (Effective Spring 2017)**

FIRST SEMESTER	Vincennes	CR	SECOND SEMESTER	Vincennes	CR
AT 10000 - Introduction to Aviation Technology	(1/4) AMNT 164 (1/5) AFLT 100	1	AT 10300 - Aerospace Vehicle Propulsion	(3/4) AMNT 202 (2/2) AFLT 160 & (1/2) AFLT 205	3
AT 10600 – Basic Aircraft Science	(3/4) AMNT 102 (3/3) AFLT 181	3	AOT Selective (3) AT 27200 – Introduction to Composite Technology (2) AT 24300 – Commercial Fight I (1) AT 21000 – Ground Trainer	(3) AMNT 166 (2) AFLT 186 (1) AFLT 205L	3
AOT Selective* (2) AT 30300 – Aircraft Service	(2/4) AMNT 264	2	AOT Selective (3) AT 30802 – Aircraft Materials Processes (2) AT 25300 – Instrument Flight (1) AT 35300 – Multiengine Flight	(3/4) AMNT 106 (2/3) AFLT 176 (1/2) AFLT 296	3
MA 15300 – Algebra & Trig I	(3/3) MATH 102	3	AOT Selective* (4) AT 18700 – Aircraft Propulsion & Operating Systems	(4/4) AMNT 207	4
AOT Selective (3) AT 26502 – Aircraft Electrical Systems (2) AT 14500 – Private Pilot Flight (1) AT 24500 – Cross-Country Flight	(3/4) AMNT 104 (2/3) AFLT 105 (1/2) AFLT 170	3	AOT Selective (3) AT 26300 – Fluid Power Systems (2) AT 24800 – Commercial Flight II (1) AT 36500 Instrument Flight Instructor Flight	(3/4) AMNT 107 (2/3) AFLT 216 (1/2) AFLT 280	3
English Composition Selective	(3/3) ENGL 101	3			
Total		**15**	**Total**		**16**

THIRD SEMESTER	Vincennes	CR	FOURTH SEMESTER	Vincennes	CR
Economics Selective[7] (3) CSR 34200 – Personal Finance	(3/3) ECON 208	3	AT 20200 - Aerospace Vehicle Systems (AT 10600 or AT 14400 is prerequisite)	(3/4) AMNT 164 (2) AFLT 210 & (1) AFLT 205	3
Science Foundational Selective[3] (3) PHYS 21400 – The Nature of Physics	(3/3) PHYT 101 & 101L	3	COM 11400 - Fundamentals of Speech Communication[5]	(3/3) COMM 143	3
AOT Selective* (3) AT 33502 – Avionics Systems	(3/4) AMNT 167	3	AOT Selective (3) AT 36302 – Fundamentals of Powerplant Systems (2) AT 35200 – Flight Instructor Lectures (1) AT 36800 – Aerobatic Flight	(3/4) AMNT 206 (2/2) AFLT 261 & (3/3) AFLT 263 (1/2) AFLT 292	3
AT 14400 – Private Pilot Lectures	(4/5) AFLT 100	4	Thematic Area Selective (3) AT 37600 – Aircraft Gas Turbine Engine Technology I	(3/4) AMNT 262	3
Thematic Area Selective (3) AT 20802 – Aircraft Materials	(3/4) AMNT 162	3	AOT Selective (3) AT 37002 – Advanced Aircraft Powerplants (3) AT 24900 – Instrument Flight Lectures	(3/4) AMNT 204 (3/5) AFLT 221	3
Total		**16**	**Total**		**15**

FIFTH SEMESTER	Vincennes	CR	SIXTH SEMESTER	Vincennes	CR
AT 10200 - Aviation Business		3	AT 20300 - Aviation Operations Management (AT 10200 is prerequisite)		3
MA 15800 – Precalculus		3	AOT Selective**		3
Free Elective		3	Thematic Area Selective**		3
STAT 30100 – Elementary Statistical Methods**		3	Advanced English Selective**		3
TECH 12000 - Technology and the Individual		3	PHYS 21800 – General Physics		4
Total		**15**	**Total**		**16**

SEVENTH SEMESTER	Vincennes	CR	EIGHTH SEMESTER	Vincennes	CR
Free Elective		3	AT 49800 – AT Capstone**	Senior Standing	3
AOT Selective**		3	AOT Selective**		3
Free Elective		3	Thematic Area Selective**		3
Technical Communication Selective**		3	Humanities Foundational Selective*	(See Supplemental Page)	3
Behavioral/Social Science Found. Selective*	(See Supplemental Page)	3	Globalization[11]		0
Total		**15**	**Total**		**12**

*VU Flight Students **must take 32 credit hours of 30000 or 40000 level classes while a PURDUE student - this is REQUIRED.**
*VU Maintenance Students **must take 32 credit hours of 30000 or 40000 level classes while a PURDUE student - this is REQUIRED.**

AERT Supplemental Information
All prerequisites must be met.

Courses that are ORANGE represent the VU Maintenance feeder A.S. degree courses that VU students will transfer in.
Courses that are TEAL represent the VU Flight feeder A.S. degree courses that VU students will transfer in.
Courses that are BLUE represent the courses that BOTH feeder A.S. degree courses that VU students will transfer in.
Courses that are PURPLE represent the 30000 level and 40000 level courses that VU students will take as Purdue students.

[1]**Required Major Courses**
AT 10000 – Introduction to Aviation Technology – (1) AMNT 164 – Aircraft Systems or (1) AFLT 100 – Primary Ground School
AT 10300 – Aerospace Vehicle Propulsion and Tracking Systems – (3) AMNT 202 – Powerplant Fuel & Induction Systems or (2) AFLT 160 – Powerplant Lecture & (1) AFLT 205 – Advanced Simulation
AT 10600 – Basic Aircraft Science – (3) AMNT 102 – General Aviation Maintenance or (3) AFLT 181 – Commercial Ground School
AT 14400 – Private Pilot Lectures – (4) AFLT 100 – Primary Ground School
AT 20200 – Aerospace Vehicle Systems Design, Analysis and Operations – (3) AMNT 164 – Aircraft Systems or (1) AFLT 205 – Advanced Simulation & (2) AFLT 210 – Instrument Radios & Systems

[2]**AOT Selectives – Possible Selectives listed below:**
(3) AT 26502 Aircraft Electrical Systems – (3) AMNT 104 – Introduction to Electricity
(3) AT 30802 Aircraft Materials Processes – (3) AMNT 106 – Materials, Processes, & Welding
(3) AT 26300 Fluid Power Systems – (3) AMNT 107 – Hydraulics & Pneumatics
(3) AT 20802 Aircraft Materials – (3) AMNT 162 – Aircraft Sheetmetal
(3) AT 27200 Introduction to Composite Technology – (3) AMNT 166 – Composite and Nonmetallic Structures
(3) AT 33502 Avionics Systems – (3) AMNT 167 – Aircraft Electrical
(3) AT 37002 Advanced Aircraft Powerplants – (3) AMNT 204 – Reciprocating Engine Overhaul
(3) AT 36302 Fundamentals of Powerplant Systems – (3) AMNT 206 – Powerplant Systems & Propellers
(4) AT 18700 Aircraft Propulsion and Operating Systems – (4) AMNT 207 – Powerplant Electrical
(3) AT 36700 Aircraft Gas Turbine Engine Technology I – (3) AMNT 262 – Turbine Engines
(2) AT 30300 Aircraft Service – (3) AMNT 264 – Aircraft Engine Installation & Troubleshooting
(3) AT 37200 Aircraft Maintenance Practices – (3) AMNT 266 – Aircraft Inspection
NOTE: An additional 6 credit hours of AOT Selectives MUST be taken at the 30000 or 40000 level.

(2) AT 14500 Primary Flight – (2) AFLT 105 – Primary Flight
(2) AT 24300 Commercial Fight I – (2) AFLT 186 – Commercial Flight
(1) AT 21000 Ground Trainer – (1) AFLT 205L – Advanced Simulation Lab
(1) AT 24500 Cross-Country Flight – (1) AFLT 170 – Cross Country Flight
(2) AT 24800 Commercial Flight II – (2) AFLT 216 – Commercial Flight II
(3) AT 24900 Instrument Flight Lectures – (3) AFLT 221 – Instrument Ground School
(2) AT 25300 Instrument Flight – (2) AFLT 176 – Instrument Flight
(2) AT 35200 Flight Instructor Lectures – (2) AFLT 261 – Aviation Instructor Fundamentals & (3) AFLT 263 – Flight Training Techniques
(1) AT 35300 Multiengine Flight – (1) AFLT 296 – Advanced Flight
(1) AT 36500 Instrument Flight Instructor Flight – (1) AFLT 280 – Instrument Flight Instruction Airplane
(1) AT 36800 Aerobatic Flight – (1) AFLT 292 – Precision Flight Maneuvers
NOTE: An additional 18 credit hours of AOT Selectives MUST be taken at the 30000 or 40000 level.

[3]**Humanities Foundational Selective (3 credits) *NOTE: the VU Maintenance students MUST take a 30000 or 40000 level humanities course when they transfer to Purdue to meet the 32 upper division requirement.**
HIST 30400 – America in the 1960s
HIST 35100 – The Second World War
HIST 35400 – Women in America to 1870
HIST 37500 – Women in America since 1870
HIST 38200 – American Constitutional History
HIST 38300 – Recent American Constitutional History
HIST 39400 – Environmental History of the United States
HIST 39600 – The Afro-American to 1865
HIST 39800 – The Afro-American since 1865

PHIL 111 – Intro to Philosophy (PHIL 11000 – Introduction to Philosophy)
PHIL 212 – Intro to Ethics (PHIL 11100 – Ethics)
HIST 139 – American History I (HIST 15100 – American History to 1877)

HIST 140 – American History II (HIST 15200 – U.S. Since 1877)

[4]**Behavioral/Social Science Foundational Selective (3 credits) *NOTE: the VU Maintenance students MUST take a 30000 or 40000 level behavioral/social science course when they transfer to Purdue to meet the 32 upper division requirement.**
PSY 31800 – Problem Solving & Decision Making
PSY 33500 – Stereotyping and Prejudice
PSY 35000 – Abnormal Psychology

POLS 111 – American National Government (POL 101000 – American Government)
POLS 211 – Intro to World Politics (POL 13000 – Intro to International Relations)
POLS 220 – Public Administration (POL 12000 – Intro to Public Policy & Public Administration)
PSYC 101 – Intro to Psychology (PSY 12000 – Elementary Psychology)
SOCL 154 – Cultural Anthropology (ANTH 10000 – Intro to Anthropology

[5]**Science Foundation Selective *(satisfies Science Selective for core, 3 credits)***
PHYT 101 & PHYT 101L – Technical Physics (PHYS 21400 – The Nature of Physics)

[6]**English Composition Selective *(satisfies Written Communication for core, 3 credits)***
ENGL 101 – English Composition I (ENGL 10100 – English Composition I)

[7]**Oral Communication Selective *(satisfies Oral Communication for core, 3 credits)***
COMM 143 – Speech (COM 11400 Fundamentals of Speech)

[8]**MA 15300 – Algebra & Trig I *(satisfies one of the Quantitative Reasoning for core)* (3 credits)**
MATH 102 – College Algebra

[9]**Economics Selective**
ECON 208 – Personal Financial Management (CSR 34200 – Personal Finance)

[10]**Advanced English Selective (3 credits)**
ENGL 42100 – Technical Writing

[11]**Technical Communication Selective (3 credits)**
COM 31500 – Speech Communication of Technical Information
COM 32000 – Small Group Communication
COM 32400 – Introduction to Organizational Communication
COM 41500 – Discussion of Technical Problems

[12]**Thematic Area Selective Requirement (12 credits)**
6 credit hours of 20000 or higher-level courses AND 6 credit hours of 30000 or higher-level courses from any of the following departments: AT, IT, OLS

[13]**Globalization Requirement**
Due to the international nature of the aviation industry, all B.S. degree students must meet the department's globalization requirement through one of the following options:

- Complete any university-sponsored study abroad program lasting at least 7 days
- Complete an internship or approved international research project that involves at least 7 days of international travel
- 12 consecutive credit hours in one Foreign Language
- Provide documentation of having lived/traveled outside the U.S. for at least 15 days after a student's 12th birthday