

PROGRAM ARTICULATION AGREEMENT

BETWEEN

**INDIAN HILLS COMMUNITY COLLEGE
OTTUMWA, IA**

AND

**SOUTHERN ILLINOIS UNIVERSITY CARBONDALE
CARBONDALE, IL**

In an effort to provide a continued, articulated higher education baccalaureate degree program that will build on community college and university learning experiences, and also eliminate duplication of instruction, this agreement is entered into this 1st day of August, 2018 (Effective Date) by and between Indian Hills Community College and the Board of Trustees of Southern Illinois University on behalf of Southern Illinois University Carbondale.

I. TERM AND TERMINATION

- A. Term.** This Agreement shall commence as of the Effective Date (or if no Effective Date is indicated upon the date the Agreement is fully executed by the Parties) and shall remain in effect for a period of five (5) years thereafter. The Parties may renew or extend this Agreement only by written instrument signed by the authorized representatives of each Party.
- B. Termination.** This Agreement may be terminated by either Party, with or without cause, upon 60 days advance written notice. The Parties agree that no additional students shall be accepted into the program after a Party's receipt of any written notice of termination. No qualified student then-enrolled in the program shall be deprived the opportunity to complete the program requirements solely due to termination.

II. TRANSFER REQUIREMENTS

- A.** All graduates of Indian Hills Community College with an Associates of Applied Science degree in Aviation Maintenance Technology and meeting SIU Carbondale admission requirements will be considered for admission into SIU Carbondale's Bachelor of Science (B.S.) in Aviation Technologies (AVT) in the College of

Applied Sciences and Arts based upon the Department's enrollment criteria and space availability.

B. A Indian Hills Community College graduate receiving an Associates of Applied Science degree in Aviation Maintenance Technology and following a degree plan attached to this agreement, will be considered for admission to SIU Carbondale's Aviation Technologies (AVT) program if the following are met:

1. The student has earned a minimum of 76 semester hours transferable to SIU Carbondale
2. The student has earned an overall grade point average (GPA) of 2.0 or above (4.0 scale) for his or her collegiate work as calculated by SIU Carbondale's grading regulations
3. Confirmation by the SIU Carbondale College of Applied Sciences and Arts that the student has satisfactorily completed the following courses as part of the Associates of Applied Science degree in Aviation Maintenance Technology at Indian Hills Community College:

- AVM 101-2, *Cleaning/Corrosion Control*
- AVM 103-2, *Aircraft Materials and Processes*
- AVM 105-3, *Regulations and Publications*
- AVM 107-1, *Weight and Balance*
- AVM 109-4, *Basic Electricity*
- AVM 111-1, *Ground Operations and Servicing*
- AVM 113-3, *Airframe Electrical Systems*
- AVM 117-1, *Avionics/Fire Protection AF*
- AVM 119-1, *Fundamentals of Physics*
- AVM 121-1, *Weather and Warning Systems*
- AVM 123-2, *Aircraft Assembly and Rigging*
- AVM 126-4, *Airframe Structure/Repair*
- AVM 127-2, *Aircraft Wood/Fabric/Finishes*
- AVM 129-2, *Landing Gear and Brake Systems*
- AVM 131-1, *Airframe Inspections*
- AVM 134-2, *Aircraft Hydraulics/Pneumatics*
- AVM 135-1, *Powerplant Inspection*
- AVM 137-1, *Aircraft Instruments*
- AVM 139-1, *Instruments/Fire Protection-PP*
- AVM 141-1, *Control Systems*
- AVM 143-4, *Aircraft Gas Turbines*
- AVM 145-1, *Aircraft Welding*

- AVM 147-2, *Airframe Fuel Systems*
- AVM 149-2, *Engine Lubrication Systems*
- AVM 151-2, *Engine Fuel/Metering*
- AVM 153-5, *Powerplant Piston*
- AVM 155-3, *Aircraft Propeller Systems*
- AVM 157-1, *Induction/Cooling/Exhaust*
- AVM 159-2, *Engine Electrical Systems*
- AVM 161-3, *Aircraft Ignition Systems*
- CSC 110-3, *Introduction to Computers*
- ENG 105-3, *Composition I*
- CULTURE COURSE - 3 hours
- MATHEMATICAL REASONING COURSE - 3 hours
- SCIENTIFIC SYSTEMS COURSE - 3 hours

- C. Acceptance into the Capstone Option reduces the University Core Curriculum for the A.A.S. degree recipient in Aviation Maintenance Technology at Indian Hills Community College pursuing the B.S. in Aviation Technologies (AVT) at SIU Carbondale to 30 semester hours. This, along with taking the courses listed above as part of the A.A.S. degree makes it possible for the student to complete the B.S. in Aviation Technologies (AVT) at SIU Carbondale in approximately 60-64 additional semester hours beyond the A.A.S. degree.
- D. Indian Hills Community College students transferring to the Aviation Technologies (AVT) baccalaureate degree program at SIU Carbondale who have not completed all of his or her Associate of Applied Science degree requirements at Indian Hills Community College will have their related coursework evaluated on a course-by-course basis by the appropriate SIU Carbondale department. These students will also not be eligible to receive the Capstone Option benefits and will be considered based upon the Department's enrollment criteria and space availability.
- E. Students will be required to complete a minimum of 42 senior institution hours at the 300-400 course level, with the last 30 such senior institution hours being at SIU Carbondale for residency purposes. Those students enrolled in an approved program delivered by SIU Carbondale Extended Campus will have completed the residency requirement for the University upon completion of all courses required by the program. All students will be required to complete at least 120 hours with an overall GPA of 2.0 on a 4.0 scale to receive a Bachelor of Science degree in Aviation Technologies (AVT). Coursework may include University Core Curriculum as well as Aviation Technologies (AVT) courses.

III. COURSE DELIVERY

- A. Delivery of courses and programs will be based on mutual agreement between the parties (as specified in the SIU Carbondale program) provided there is a minimum class enrollment in each course adequate to meet expenses. Courses with inadequate enrollment may be subject to cancellation, which said cancellation shall be at the sole and absolute discretion of SIU Carbondale. SIU Carbondale shall notify Indian Hills Community College of any cancellation due to inadequate enrollment.
- B. SIU Carbondale will perform registration and advisement counseling as needed to support the courses offered. SIU Carbondale will designate an individual(s) as a concurrent enrollment liaison to work in conjunction with Indian Hills Community College and students as needed. Advisement about program requirements will be provided by the academic college offering the courses/programs.
- C. SIU Carbondale will obtain all permission and approvals necessary to teach these courses in the State of Illinois.
- D. SIU Carbondale reserves the right to approve and edit all news releases, advertising and other public announcements and information pieces relating to the performance of this Agreement.
- E. This agreement permits students to enroll concurrently at SIU Carbondale and Indian Hills Community College to complete the degree.

IV. INDIAN HILLS COMMUNITY COLLEGE DUTIES: INDIAN HILLS COMMUNITY COLLEGE SHALL BE RESPONSIBLE FOR THE FOLLOWING OBLIGATIONS AND CONDITIONS:

- A. Subject to federal and state guidelines, Indian Hills Community College will be considered the home institution for the purpose of processing Financial Aid until such time that the student either graduates or severs ties with Indian Hills Community College.
- B. Designate in writing a person or persons as point of contact between Indian Hills Community College and SIU Carbondale on all matters relating to the courses delivered.

- C. Reserve the right to approve and edit all news releases, advertising and other public announcements and information pieces relating to the performance of this Agreement.
- D. Permit students to enroll concurrently at SIU Carbondale and Indian Hills Community College to complete a degree.

V. PROGRAM ARTICULATION COMMUNICATION

- A. An SIU Carbondale College of Applied Sciences and Arts, Aviation Technologies (AVT) representative will communicate periodically with Indian Hills Community College personnel in the Aviation Maintenance Technology program for general advisement and degree planning purposes.
- B. Upon successful completion of all degree requirements, and following all policies and regulations stated in the program and SIU Carbondale guidelines, Indian Hills Community College students will be eligible to receive the Bachelor of Science in Aviation Technologies (AVT), College of Applied Sciences and Arts, Southern Illinois University Carbondale.
- C. Should changes occur in course or program content, the institution making the change agrees to notify the other institution in writing so that this agreement can be re-evaluated. Notice of changes shall be given at least 45 days prior to the beginning of the semester when the change is implemented.
- D. The Parties acknowledge and agree that the terms of this Agreement will result in the disclosure of personally identifiable information from education records protected from disclosure and re-disclosure by the Family Educational Rights and Privacy Act of 1974 and its implementing regulations ("FERPA"). Accordingly the Parties agree that any exchange or disclosure between the Parties of personally identifiable information from education records shall be in accordance with FERPA.
- E. Indemnification:
 - 1. To the extent permitted by law and not inconsistent with the doctrine of sovereign immunity, SIU Carbondale shall indemnify and hold harmless Indian Hills Community College, its agents and employees, from any claims, demands, or causes of action arising out of the negligent acts or omissions of SIU Carbondale, its agents or employees, in the performance of SIU Carbondale's obligations under this Agreement.

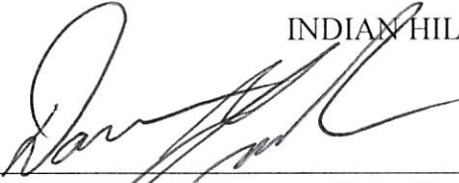
2. To the extent permitted by law, Indian Hills Community College shall indemnify and hold harmless SIU Carbondale, its agents and employees, from any claims, demands, or causes of action arising out of negligent acts or omissions of the College, its agents or employees, in the performance of the College's obligations under this Agreement.
- F. Reasonable efforts will be made to resolve problems with student(s) through discussions with the student's program instructor, supervisor, and SIU Carbondale's faculty members; however SIU Carbondale reserves the right to remove any student from enrollment at SIU Carbondale upon SIU Carbondale's determination that the student is unable or unwilling to fulfill the requirements of SIU Carbondale's educational program and mission, including but not limited to the rules and regulations of Southern Illinois University Carbondale, the policies of the Board of Trustees of SIU Carbondale, and the SIU Carbondale Student Conduct Code. SIU Carbondale shall also have the right to withdraw any student from its education degree program in accordance with its academic requirements, including but not limited to unsatisfactory academic performance and/or social misconduct.
- G. Neither party will discriminate against any applicant or student in the nomination, selection, or training because of religion, race, sex, sexual orientation, creed, handicap, national origin, or age.
- H. Notices should be mailed to the following addresses by first class mail in order to fulfill any notice or revision of requirements under this Agreement:

For SIU Carbondale: Michael Burgener, Chair
Aviation Management & Flight
SIU Carbondale, MC 6816
Carbondale, IL 62901
Phone: 618-536-3371
Email: burgener@siu.edu

For Indian Hills Community College: Noah Eklund, Academic Advisor
Indian Hills Community College
525 Grandview Avenue
Ottumwa, IA 52501
Phone: 641-683-5129
Email: Noah.Eklund@indianhills.edu

IN WITNESS WHEREOF, the parties have executed this Agreement by their duly authorized, respective officers, and by doing so, hereby affirm that the Agreement is enforceable on behalf of and against each party as of the date written herein.

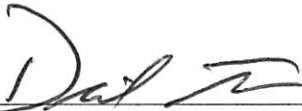
INDIAN HILLS COMMUNITY COLLEGE



Darren Graham, Department Chair, North Campus and
Chief Flight Instructor
Indian Hills Community College

5-6-18

Date



Daniel Terrian, Associate Dean, Advanced Technologies
Indian Hills Community College

8/2/18

Date




Matt Thompson, Vice President of Academic Affairs and
Institutional Effectiveness
Indian Hills Community College

8/9/18

Date

BOARD OF TRUSTEES OF SOUTHERN ILLINOIS UNIVERSITY

By 
Dr. Meera Komarraju, Interim Provost and Vice Chancellor
for Academic Affairs

for Carlo Montemagno, Chancellor
Southern Illinois University Carbondale

7/23/18

Date

SIU
APPROVED
AS TO
LEGAL FORM

17 July 2018

PROGRAM ARTICULATION DEGREE PLAN				Southern Illinois University Carbondale	
Indian Hills Community College 2018-2019				BS Aviation Technologies (AVT) Aviation Electronics Specialization- 120 hrs	
AAS Aviation Maintenance Technology - 76 hrs				UNIVERSITY CORE CURRICULUM (UCC) CAPSTONE OPTION - 30 Hrs	
		Hrs			Hrs
ENG 105	Composition I	3	UNIV 101	Saluki Success	NA
			ENGL 101	Composition I	T
			ENGL 102	Composition II	NA
			CMST 101	Intro to Oral Communication	3
MATHEMATICAL REASONING course	(See SIUC Transfer Equivalency Guide)	3	MATHEMATICS		T
			SOCIAL SCIENCE		3
			SOCIAL SCIENCE		3
			HUMANITIES		3
			HUMANITIES		NA
SCIENTIFIC SYSTEMS course*	(See SIUC Transfer Equivalency Guide)	3	PHYSICAL SCIENCE, GRP I		T
			LIFE SCIENCE, GRP II		3
			HUMAN HEALTH		NA
CULTURE course**	(See SIUC Transfer Equivalency Guide)	3	FINE ARTS		T
			MULTICULTURAL		3
		12			18
*Scientific Systems course will fulfill one category from UCC Physical Science or UCC Life Science					
**Culture course will fulfill one category from UCC Fine Arts, UCC Humanities, UCC Multicultural or UCC Social Science					
Program Requirements				Program Requirements	
AVM 101	Cleaning/Corrosion Control	2	An Associate in Applied Science degree and/or Airframe and Powerplant certification will fulfill technical or career electives needed for the SIU major requirement.		
AVM 103	Aircraft Materials and Processes	2			
AVM 105	Regulations and Publications	3			
AVM 107	Weight and Balance	1			
AVM 109	Basic Electricity	4			
AVM 111	Ground Operations and Servicing	1			
AVM 113	Airframe Electrical Systems	3			
AVM 117	Avionics/Fire Protection AF	1			
AVM 119	Fundamentals of Physics	1			
AVM 121	Weather and Warning Systems	1			
AVM 123	Aircraft Assembly and Rigging	2			
AVM 126	Airframe Structure/Repair	4			
AVM 127	Aircraft Wood/Fabric/Finishes	2			
AVM 129	Landing Gear and Brake Systems	2			
AVM 131	Airframe Inspections	1			
AVM 134	Aircraft Hydraulics/Pneumatics	2			
AVM 135	Powerplant Inspection	1			
AVM 137	Aircraft Instruments	1			
AVM 139	Instruments/Fire Protection-PP	1			
AVM 141	Control Systems	1			
AVM 143	Aircraft Gas Turbines	4			
AVM 145	Aircraft Welding	1			
AVM 147	Airframe Fuel Systems	2			
AVM 149	Engine Lubrication Systems	2			
AVM 151	Engine Fuel/Metering	2			
AVM 153	Powerplant Piston	5			
AVM 155	Aircraft Propeller Systems	3			
AVM 157	Induction/Cooling/Exhaust	1			
AVM 159	Engine Electrical Systems	2			
AVM 161	Aircraft Ignition Systems	3			
CSC 110	Introduction to Computers	3			
		64			
			Aviation Electronics Specialization		
			AVT 310	Aircraft Electrical Systems	5
			AVT 327	Aircraft Comm., Nav., and Pulse Systems	5
			AVT 321	Radio Theory and Practice	3
			AVT 317	Intro to Aviation Electronics	3
			AVT 318	Aviation Electronics Controls Systems	3
			AVT 405	Flight Management Systems	3
			AVT 422	Aviation Radar Systems	3
			AVT 465	Digital Data Bussing and EFIS	5
			Specialization Electives	AVT: 301/302, 303, 304/306, 370, 380, 390, 410, 416 -or- AVM: 376, 385 -or- TRM 364 -or- approved elective	12
					42
Total semester hrs completed with AAS degree:		76	Total semester hrs completed with BS degree:		60
			Total hrs to BS degree:		136

PROGRAM ARTICULATION DEGREE PLAN			Southern Illinois University Carbondale		
Indian Hills Community College 2018-2019			BS Aviation Technologies (AVT) Helicopter Specialization- 120 hrs		
AAS Aviation Maintenance Technology - 76 hrs			UNIVERSITY CORE CURRICULUM (UCC) CAPSTONE OPTION - 30 Hrs		
		Hrs			Hrs
ENG 105	Composition I	3	UNIV 101	Saluki Success	NA
			ENGL 101	Composition I	T
			ENGL 102	Composition II	NA
			CMST 101	Intro to Oral Communication	3
MATHEMATICAL REASONING course	(See SIUC Transfer Equivalency Guide)	3	MATHEMATICS		T
			SOCIAL SCIENCE		3
			SOCIAL SCIENCE		3
			HUMANITIES		3
			HUMANITIES		NA
SCIENTIFIC SYSTEMS course*	(See SIUC Transfer Equivalency Guide)	3	PHYSICAL SCIENCE, GRP I		T
			LIFE SCIENCE, GRP II		3
			HUMAN HEALTH		NA
CULTURE course**	(See SIUC Transfer Equivalency Guide)	3	FINE ARTS		T
			MULTICULTURAL		3
		12			18
*Scientific Systems course will fulfill one category from UCC Physical Science or UCC Life Science					
**Culture course will fulfill one category from UCC Fine Arts, UCC Humanities, UCC Multicultural or UCC Social Science					
Program Requirements			Program Requirements		
AVM 101	Cleaning/Corrosion Control	2	An Associate in Applied Science degree and/or Airframe and Powerplant certification will fulfill technical or career electives needed for the SIU major requirement.		
AVM 103	Aircraft Materials and Processes	2			
AVM 105	Regulations and Publications	3			
AVM 107	Weight and Balance	1			
AVM 109	Basic Electricity	4			
AVM 111	Ground Operations and Servicing	1			
AVM 113	Airframe Electrical Systems	3			
AVM 117	Avionics/Fire Protection AF	1			
AVM 119	Fundamentals of Physics	1			
AVM 121	Weather and Warning Systems	1			
AVM 123	Aircraft Assembly and Rigging	2			
AVM 126	Airframe Structure/Repair	4			
AVM 127	Aircraft Wood/Fabric/Finishes	2			
AVM 129	Landing Gear and Brake Systems	2			
AVM 131	Airframe Inspections	1			
AVM 134	Aircraft Hydraulics/Pneumatics	2			
AVM 135	Powerplant Inspection	1			
AVM 137	Aircraft Instruments	1			
AVM 139	Instruments/Fire Protection-PP	1			
AVM 141	Control Systems	1			
AVM 143	Aircraft Gas Turbines	4			
AVM 145	Aircraft Welding	1			
AVM 147	Airframe Fuel Systems	2			
AVM 149	Engine Lubrication Systems	2			
AVM 151	Engine Fuel/Metering	2			
AVM 153	Powerplant Piston	5			
AVM 155	Aircraft Propeller Systems	3			
AVM 157	Induction/Cooling/Exhaust	1			
AVM 159	Engine Electrical Systems	2			
AVM 161	Aircraft Ignition Systems	3			
CSC 110	Introduction to Computers	3			
		64			
			Helicopter Specialization		
			AVT 310	Aircraft Electrical Systems	5
			AVT 327	Aircraft Comm., Nav., and Pulse Systems	5
			AVT 301	Helicopter Theory & Gen Maintenance Practice	3
			AVT 302	Helicopter Maintenance Lab	6
			AVT 304	Helicopter Power Train and Inspection	3
			AVT 306	Helicopter Power Train Lab	6
			Specialization Electives	AVT: 303, 321, 370, 380, 390, 405, 410, 416, 422 -or- AVM: 376, 385 -or- TRM 364 -or- approved elective	18
					46
Total semester hrs completed with AAS degree:		76	Total semester hrs completed with BS degree:		64
			Total hrs to BS degree:		140

PROGRAM ARTICULATION DEGREE PLAN		Southern Illinois University Carbondale	
Indian Hills Community College 2018-2019		BS Aviation Technologies (AVT) Aircraft Maintenance Specialization- 120 hrs	
AAS Aviation Maintenance Technology - 76 hrs		UNIVERSITY CORE CURRICULUM (UCC) CAPSTONE OPTION - 30 Hrs	
		Hrs	Hrs
ENG 105	Composition I	3	UNIV 101 Saluki Success ENGL 101 Composition I ENGL 102 Composition II CMST 101 Intro to Oral Communication
MATHEMATICAL REASONING course	(See SIUC Transfer Equivalency Guide)	3	MATHEMATICS SOCIAL SCIENCE SOCIAL SCIENCES HUMANITIES HUMANITIES
SCIENTIFIC SYSTEMS course*	(See SIUC Transfer Equivalency Guide)	3	PHYSICAL SCIENCE, GRP I LIFE SCIENCE, GRP II HUMAN HEALTH
CULTURE course**	(See SIUC Transfer Equivalency Guide)	3	FINE ARTS MULTICULTURAL
		12	
*Scientific Systems course will fulfill one category from UCC Physical Science or UCC Life Science			
**Culture course will fulfill one category from UCC Fine Arts, UCC Humanities, UCC Multicultural or UCC Social Science			
Program Requirements		Program Requirements	
AVM 101	Cleaning/Corrosion Control	2	An Associate in Applied Science degree and/or Airframe and Powerplant certification will fulfill technical or career electives needed for the SIU major requirement.
AVM 103	Aircraft Materials and Processes	2	
AVM 105	Regulations and Publications	3	
AVM 107	Weight and Balance	1	
AVM 109	Basic Electricity	4	
AVM 111	Ground Operations and Servicing	1	
AVM 113	Airframe Electrical Systems	3	
AVM 117	Avionics/Fire Protection AF	1	
AVM 119	Fundamentals of Physics	1	
AVM 121	Weather and Warning Systems	1	
AVM 123	Aircraft Assembly and Rigging	2	
AVM 126	Airframe Structure/Repair	4	
AVM 127	Aircraft Wood/Fabric/Finishes	2	
AVM 129	Landing Gear and Brake Systems	2	
AVM 131	Airframe Inspections	1	
AVM 134	Aircraft Hydraulics/Pneumatics	2	
AVM 135	Powerplant Inspection	1	
AVM 137	Aircraft Instruments	1	
AVM 139	Instruments/Fire Protection-PP	1	
AVM 141	Control Systems	1	
AVM 143	Aircraft Gas Turbines	4	
AVM 145	Aircraft Welding	1	
AVM 147	Airframe Fuel Systems	2	
AVM 149	Engine Lubrication Systems	2	
AVM 151	Engine Fuel/Metering	2	
AVM 153	Powerplant Piston	5	
AVM 155	Aircraft Propeller Systems	3	
AVM 157	Induction/Cooling/Exhaust	1	
AVM 159	Engine Electrical Systems	2	
AVM 161	Aircraft Ignition Systems	3	
CSC 110	Introduction to Computers	3	
		64	
		Aircraft Maintenance Specialization	
		AVT 310	Aircraft Electrical Systems
		AVT 327	Aircraft Comm., Nav., and Pulse Systems
		AVT 405	Flight Management Systems
		AVT 410	Advanced Composites
		AVT 416	Advanced Propulsion Systems
		AVT 380	Aerospace Supply Chain Logistics
		AVT 390	Management Info Syst for Aerospace App
		Specialization Electives	AVT: 301/302, 303, 304/306, 321, 370, 422 -or- AVM: 376, 385 -or- TRM 384 -or- approved elective
			43
Total semester hrs completed with AAS degree:		76	Total semester hrs completed with BS degree:
			61
		Total hrs to BS degree:	137