CCBC			Transfer Map			
Community College of Beaver County				**Slippery Rock University of Pennsylvania**		
Advanced Piloting				**Homeland Security**		
Associate in Applied Science Admissions@ccbc.edu, 724 480-3504						
First Year - Freshman						
First Semester – 12 credits						
Course ID	**Course Name**	**Credits**		**Course ID**	**Course Name**	**Credits**
AVIP 120	Foundations& Development of Aviation	3		TRNS 1 TR	Themaic Thread	3
AVIP 180	Instrument Flight Theory	7		TRNS 1 TR	Themaic Thread	7
AVIP 190	Instrument Flight Rating	2		TRNS 1 TR		2
Second Semester – 12 credits						
Course ID	**Course Name**	**Credits**		**Course ID**	**Course Name**	**Credits**
AVIP 215	Commercial Flight Theory	5		TRNS 2 TR		5
AVIP 220	Commercial Flight Certification I	3		TRNS 2 TR		3
METR 140	Foundations of Meteorology	4		EGEO 121	Science Inquiry	4
Second Year - Sophomore						
Third Semester – 13/14 credits						
Course ID	**Course Name**	**Credits**		**Course ID**	**Course Name**	**Credits**
AVIP 225	Commercial Flight Certification II	3		TRNS 2TR		3
AVIP 260	Human Factors Theory	3		TRNS 2TR	Social Science Inquiry	3
WRIT 101	English Composition	3		ENGL 102		3
TAOC 3 MATH 126 MATH 130	College Algebra Statistics	3 or 4		MATH 199 STAT 152		3 or 4
Fourth Semester – 13 Credits						
Course ID	**Course Name**	**Credits**		**Course ID**	**Course Name**	**Credits**
AVIP 250	Multi-Engine Flight Rating	1		TRNS 2TR		1
AVIP 270	Instrument Flight Theory	3		TRNS 2TR	Thematic Thread	3
CIST 100	Intro to Technology	3		CPSC 110		3
COMM 201	Public Speaking	3		COMM 200		3
TAOC 6 LITR 210	Concepts of Literature	3		ENGL 104		3
Fifth Semester 12 Credits						
Course ID	**Course Name**	**Credits**		**Course ID**	**Course Name**	**Credits**
AVIP 202	Aircraft Engines Theory	3		TRNS 2TR		3
AVIP 204	Aircraft Systems Theory	3		TRNS 2TR		3
AVIP 275	Certified Flight Instructor Theory	2		TRNS 2TR		2
Two of the Following Courses						
Course ID	**Course Name**	**Credits**		**Course ID**	**Course Name**	**Credits**
AVIP 280	Certified Flight Instructor-Airplane	2		TRNS 2TR		2
AVIP 285	Certified Flight Instructor-Instruments	2		TRNS 2TR		2

AVIP 288	Certified Flight Instructor-Multi-Engine	2		TRNS 2TR		2
				Total Credits: 62/63		
				75 additional credits required at SRU to complete the Homeland Security degree		
Additional courses outside of the aviation degree that apply to the SRU degree and can be taken at CCBC and transferred to SRU. A minimum of 30 credits must be taken at SRU: *						
MUSI 101 Intro to Music		3		Creative & Aesthetic Inquiry		3
PHYS 105 Physical Science		4		SCI 101 Science of Life		3
PHIL 101 or 110 Philosophy or Ethics		3		Humanities Inquiry		3

CCBC			Transfer Map	Slippery Rock University		
Community College of Beaver County				**Slippery Rock University of Pennsylvania**		
Advanced Piloting				**Industrial and Systems Engineering**		
Associate in Applied Science Admissions@ccbc.edu, 724 480-3504						
First Year - Freshman						
First Semester – 12 credits						
Course ID	**Course Name**	**Credits**		**Course ID**	**Course Name**	**Credits**
AVIP 120	Foundations& Development of Aviation	3		TRNS 1 TR		3
AVIP 180	Instrument Flight Theory	7		TRNS 1 TR		7
AVIP 190	Instrument Flight Rating	2		TRNS 1 TR		2
Second Semester – 12 credits						
Course ID	**Course Name**	**Credits**		**Course ID**	**Course Name**	**Credits**
AVIP 215	Commercial Flight Theory	5		TRNS 2 TR		5
AVIP 220	Commercial Flight Certification I	3		TRNS 2 TR		3
METR 140	Foundations of Meteorology	4		EGEO 121		4
Second Year - Sophomore						
Third Semester – 13 credits						
Course ID	**Course Name**	**Credits**		**Course ID**	**Course Name**	**Credits**
AVIP 225	Commercial Flight Certification II	3		TRNS 2TR		3
AVIP 260	Human Factors Theory	3		TRNS 2TR	Social Science Inquiry	3
WRIT 101	English Composition	3		ENGL 102		3
TAOC 3 MATH 160	Calculus I	4		MATH 225		4
Fourth Semester – 13 Credits						
Course ID	**Course Name**	**Credits**		**Course ID**	**Course Name**	**Credits**
AVIP 250	Multi-Engine Flight Rating	1		TRNS 2TR		1
AVIP 270	Instrument Flight Theory	3		TRNS 2TR	Thematic Thread	3
CIST 100	Intro to Technology	3		CPSC 110		3
COMM 201	Public Speaking	3		COMM 200		3
TAOC 6 LITR 210	Concepts of Literature	3		ENGL 104		3
Fifth Semester 12 Credits						
Course ID	**Course Name**			**Course ID**	**Course Name**	
AVIP 202	Aircraft Engines Theory	3		TRNS 2TR		3
AVIP 204	Aircraft Systems Theory	3		TRNS 2TR		3
AVIP 275	Certified Flight Instructor Theory	2		TRNS 2TR		2
Two of the Following Courses						
Course ID	**Course Name**	**Credits**		**Course ID**	**Course Name**	**Credits**
AVIP 280	Certified Flight Instructor-Airplane	2		TRNS 2TR		2
AVIP 285	Certified Flight Instructor-Instruments	2		TRNS 2TR		2
AVIP 288	Certified Flight Instructor-Multi-Engine	2		TRNS 2TR		2

			Total Credits: 62
			109 additional cr required at SRU to complete the Industrial and Systems Engineering Degree
Additional courses outside of the aviation degree that apply to the SRU degree and can be taken at CCBC and transferred to SRU. A minimum of 30 credits must be taken at SRU: *			
CHEM 101 General Chemistry I with lab	4		CHEM 107 & 111 General Chemistry I General Chemistry I with lab	3 1
MUSI 101 Intro to Music	3		Creative & Aesthetic Inquiry	3
PHIL 101 or 110 Philosophy or Ethics	3		Humanities Inquiry	3

CCBC			Transfer Map	Slippery Rock University		
Community College of Beaver County				**Slippery Rock University of Pennsylvania**		
Advanced Piloting				**Mechanical Engineering**		
Associate in Applied Science Admissions@ccbc.edu, 724 480-3504						
First Year - Freshman						
First Semester – 12 credits						
Course ID	**Course Name**	**Credits**		**Course ID**	**Course Name**	**Credits**
AVIP 120	Foundations& Development of Aviation	3		TRNS 1 TR		3
AVIP 180	Instrument Flight Theory	7		TRNS 1 TR		7
AVIP 190	Instrument Flight Rating	2		TRNS 1 TR		2
Second Semester – 12 credits						
Course ID	**Course Name**	**Credits**		**Course ID**	**Course Name**	**Credits**
AVIP 215	Commercial Flight Theory	5		TRNS 2 TR		5
AVIP 220	Commercial Flight Certification I	3		TRNS 2 TR		3
METR 140	Foundations of Meteorology	4		EGEO 121	Science Inquiry	4
Second Year - Sophomore						
Third Semester – 13 credits						
Course ID	**Course Name**	**Credits**		**Course ID**	**Course Name**	**Credits**
AVIP 225	Commercial Flight Certification II	3		TRNS 2TR		3
AVIP 260	Human Factors Theory	3		TRNS 2TR	Social Science Inquiry	3
WRIT 101	English Composition	3		ENGL 102		3
TAOC 3 MATH 160	Calculus I	4		MATH 225		4
Fourth Semester – 13 Credits						
Course ID	**Course Name**	**Credits**		**Course ID**	**Course Name**	**Credits**
AVIP 250	Multi-Engine Flight Rating	1		TRNS 2TR		1
AVIP 270	Instrument Flight Theory	3		TRNS 2TR	Thematic Thread	3
CIST 100	Intro to Technology	3		CPSC 110		3
COMM 201	Public Speaking	3		COMM 200		3
TAOC 6 LITR 210	Concepts of Literature	3		ENGL 104		3
Fifth Semester 12 Credits						
Course ID	**Course Name**	**Credits**		**Course ID**	**Course Name**	**Credits**
AVIP 202	Aircraft Engines Theory	3		TRNS 2TR		3
AVIP 204	Aircraft Systems Theory	3		TRNS 2TR		3
AVIP 275	Certified Flight Instructor Theory	2		TRNS 2TR		2
Two of the Following Courses						
Course ID	**Course Name**	**Credits**		**Course ID**	**Course Name**	**Credits**
AVIP 280	Certified Flight Instructor-Airplane	2		TRNS 2TR		2
AVIP 285	Certified Flight Instructor-Instruments	2		TRNS 2TR		2
AVIP 288	Certified Flight Instructor-Multi-Engine	2		TRNS 2TR		2

		Total Credits: 62
		112 additional credits required by SRU to complete the Advanced Piloting – Mechanical Engineering degree

Additional courses outside of the aviation degree that apply to the SRU degree and can be taken at CCBC and transferred to SRU. A minimum of 30 credits must be taken at SRU: *			
CHEM 101 General Chemistry I with lab	4	CHEM 107 & 111 General Chemistry I General Chemistry I with lab	3 1
MUSI 101 Intro to Music	3	Creative & Aesthetic Inquiry	3
PHIL 101 or 110 Philosophy or Ethics	3	Humanities Inquiry	3
Mechatronics Course	3	Mechatronics elective (Check with SRU regarding transfer of a specific course	3

CCBC			Transfer Map			
Community College of Beaver County				**Slippery Rock University of Pennsylvania**		
Advanced Piloting				**Electrical and Computer Engineering**		
Associate in Applied Science Admissions@ccbc.edu, 724 480-3504						
First Year - Freshman						
First Semester – 12 credits						
Course ID	**Course Name**	**Credits**		**Course ID**	**Course Name**	**Credits**
AVIP 120	Foundations& Development of Aviation	3		TRNS 1 TR		3
AVIP 180	Instrument Flight Theory	7		TRNS 1 TR		7
AVIP 190	Instrument Flight Rating	2		TRNS 1 TR		2
Second Semester – 12 credits						
Course ID	**Course Name**	**Credits**		**Course ID**	**Course Name**	**Credits**
AVIP 215	Commercial Flight Theory	5		TRNS 2 TR		5
AVIP 220	Commercial Flight Certification I	3		TRNS 2 TR		3
METR 140	Foundations of Meteorology	4		EGEO 121		4
Second Year - Sophomore						
Third Semester – 13 credits						
Course ID	**Course Name**	**Credits**		**Course ID**	**Course Name**	**Credits**
AVIP 225	Commercial Flight Certification II	3		TRNS 2TR		3
AVIP 260	Human Factors Theory	3		TRNS 2TR	Social Science Inquiry	3
WRIT 101	English Composition	3		ENGL 102		3
TAOC 3 MATH 160	Calculus I	4		MATH 225		4
Fourth Semester – 13 Credits						
Course ID	**Course Name**	**Credits**		**Course ID**	**Course Name**	**Credits**
AVIP 250	Multi-Engine Flight Rating	1		TRNS 2TR		1
AVIP 270	Instrument Flight Theory	3		TRNS 2TR	Thematic Thread	3
CIST 100	Intro to Technology	3		CPSC 110		3
COMM 201	Public Speaking	3		COMM 200		3
TAOC 6 LITR 210	Concepts of Literature	3		ENGL 104		3
Fifth Semester 12 Credits						
Course ID	**Course Name**	**Credits**		**Course ID**	**Course Name**	**Credits**
AVIP 202	Aircraft Engines Theory	3		TRNS 2TR		3
AVIP 204	Aircraft Systems Theory	3		TRNS 2TR		3
AVIP 275	Certified Flight Instructor Theory	2		TRNS 2TR		2
Two of the Following Courses						
Course ID	**Course Name**	**Credits**		**Course ID**	**Course Name**	**Credits**
AVIP 280	Certified Flight Instructor-Airplane	2		TRNS 2TR		2
AVIP 285	Certified Flight Instructor-Instruments	2		TRNS 2TR		2
AVIP 288	Certified Flight Instructor-Multi-Engine	2		TRNS 2TR		2

			Total Credits: 62
			104 additional credits required at SRU to complete the Electrical & Computer Engineering degree
Additional courses outside of the aviation degree that apply to the SRU degree and can be taken at CCBC and transferred to SRU. A minimum of 30 credits must be taken at SRU:			
PHIL 101 Philosophy or PHIL 110 Ethics	3		Humanities elective 3
MUSI 101 Intro to Music	3		Creative & Aesthetic Inquiry 3

CCBC	Transfer Map	Slippery Rock University
Community College of Beaver County		**Slippery Rock University of Pennsylvania**
Advanced Piloting		**Cybersecurity: Security Governance**
Associate in Applied Science Admissions@ccbc.edu, 724 480-3504		

First Year - Freshman						
First Semester – 12 credits						
Course ID	**Course Name**	**Credits**		**Course ID**	**Course Name**	**Credits**
AVIP 120	Foundations& Development of Aviation	3		TRNS 1 TR	Thematic Thread	3
AVIP 180	Instrument Flight Theory	7		TRNS 1 TR	Thematic Thread	7
AVIP 190	Instrument Flight Rating	2		TRNS 1 TR		2
Second Semester – 8 credits						
Course ID	**Course Name**	**Credits**		**Course ID**	**Course Name**	**Credits**
AVIP 215	Commercial Flight Theory	5		TRNS 2 TR		5
AVIP 220	Commercial Flight Certification I	3		TRNS 2 TR		3
Second Year - Sophomore						
Third Semester – 13 credits						
Course ID	**Course Name**	**Credits**		**Course ID**	**Course Name**	**Credits**
AVIP 225	Commercial Flight Certification II	3		TRNS 2TR		3
AVIP 260	Human Factors Theory	3		TRNS 2TR	Social Science Inquiry	3
WRIT 101	English Composition	3		ENGL 102		3
TAOC 3 MATH 102 MATH 125	 Precalculus Calculus I	4		 MATH 125 MATH 225		4
Fourth Semester – 10 Credits						
Course ID	**Course Name**	**Credits**		**Course ID**	**Course Name**	**Credits**
AVIP 250	Multi-Engine Flight Rating	1		TRNS 2TR		1
AVIP 270	Instrument Flight Theory	3		TRNS 2TR	Thematic Thread	3
CIST 100	Intro to Technology	3		CPSC 110		3
TAOC 6 LITR 210	Concepts of Literature	3		ENGL 104		3
Fifth Semester 12 Credits						
Course ID	**Course Name**	**Credits**		**Course ID**	**Course Name**	**Credits**
AVIP 202	Aircraft Engines Theory	3		TRNS 2TR		3
AVIP 204	Aircraft Systems Theory	3		TRNS 2TR		3
AVIP 275	Certified Flight Instructor Theory	2		TRNS 2TR		2
Two of the Following Courses						
Course ID	**Course Name**	**Credits**		**Course ID**	**Course Name**	**Credits**
AVIP 280	Certified Flight Instructor-Airplane	2		TRNS 2TR		2
AVIP 285	Certified Flight Instructor-Instruments	2		TRNS 2TR		2
AVIP 288	Certified Flight Instructor-Multi-Engine	2		TRNS 2TR		2
				Total Credits: 55		

			73 additional credits needed for Cybersecurity degree at SRU
Additional courses outside of the aviation degree that apply to the SRU degree and can be taken at CCBC and transferred to SRU. A minimum of 30 credits must be taken at SRU: (Please discuss eligibility with Financial Aid)			
Any PHIL, SOCI, PSYC, or Cultural Diversity	3		Humanities Inquiry 3
Physical Science	4		Science of Life 3