

## MEMORANDUM OF UNDERSTANDING

Between

**Eastern Kentucky University (EKU)**

And

**Somerset Community and Technical College**

For Matriculation of an

**Associate of Applied Science Degree in Aviation Maintenance Technology**

And

**Bachelor of Science in Aviation: Aerospace Technology Option**

Somerset Community and Technical College and Eastern Kentucky University, in order to contribute to the development of a seamless postsecondary education system for the citizens of the Commonwealth of Kentucky and to promote the transfer of credit between multiple institutions while increasing the educational opportunity for the students of Kentucky, hereby establish this Memorandum of Understanding for Matriculation of Associate of Applied Science Degree in Aviation Maintenance Technology from Somerset Community and Technical College and transfer plans leading to a Bachelor of Science Degree in Aviation (Aviation Technology Option) at Eastern Kentucky University as approved by the Kentucky Council on Postsecondary Education.

**Conditions of agreement for transfer of credit hours and cooperation between Somerset Community and Technical College's Associate of Applied Science in programs listed above and Eastern Kentucky University's Bachelor of Science Degree in Aviation: Aerospace Technology Option are as follows and as identified in the attachments.**

1. Upon successful completion of the attached programs leading to the Associate of Applied Science Degree in Aviation Maintenance Technology at Somerset Community and Technical College, graduates will be selected for admission to Eastern Kentucky University based on successfully meeting the University's admissions and academic policies requirements.
2. Successful completion of the listed academic programs at KCTCS is defined by the current standards listed in the catalog.
3. Should requirements for graduation for the Bachelor of Science degree in Aviation: Aerospace Technology Option or the Associate of Applied Science Degree for Aviation Maintenance technology change, these changes will be communicated via a written form to the appropriate program chair within the institution and the conditions of this agreement reviewed within forty five days.
4. Somerset Community and Technical College Associate of Applied Science Degree students admitted to the Bachelor of Science Degree in Aviation: Aerospace Technology Option at Eastern

Kentucky University shall be awarded transfer credit and advance credit as indicated in the attached transfer plans.

5. Somerset Community and Technical College and Eastern Kentucky University agree to monitor and support the provisions of this agreement to ensure consistency, integrity, and program quality, plus transferability that benefits the students.
6. Somerset Community and Technical College and Eastern Kentucky University will work together to design and place promotional materials, press releases, informative brochures and paid advertising as a joint effort with cost being shared by the institutions.
7. When in the best interest of the student(s), students will be able to concurrently enroll at both Somerset Community and Technical College and Eastern Kentucky University to complete courses required for degree programs.
8. Both institutions will observe the Southern Association of Colleges and Schools (SACS) and the Kentucky Council on Postsecondary education guidelines and procedures. The institutions will adhere to the requirements of reporting information to these and other accrediting agencies.
9. This agreement can be terminated with written notification at least one year prior to termination date. Special arrangements will be made to allow student(s) already enrolled to complete the program in a timely manner.
10. This agreement will be reviewed by both institutions on an annual basis.

This Agreement becomes effective upon the signatures of all parties.

\_\_\_\_\_  
 Senior Vice President for Academics & Provost  
 Eastern Kentucky University

\_\_\_\_\_  
 Date

\_\_\_\_\_  
 SCTC President

**Course Equivalencies-**  
**Somerset Community and Technical College AAS Aviation Maintenance Technology**  
**To**  
**Eastern Kentucky University BS Aviation-Aerospace Technology Option**

**Somerset Degree requirements**

GE Writing I (3)  
 GE Math (3)  
 GE Science (3)  
 GE Humanities (3)  
 GE Social Interaction (3)  
 ATE 100 Aviation Math (1)  
 ATE 102-Intro to Acft Maint I (3)  
 ATE 104-Intro to Acft Maint II (3)  
 ATE 106-Intro to Acft Maint III (3)  
 ATE 108-Intro to Acft Maint IV (3)  
 ATE 202- Acft Structures I (3)  
 ATE 204- Acft Structures II (3)  
 ATE 206- Acft Structures III (3)  
 ATE 208- Acft Structures IV (3)  
 ATE 242- Acft Power Plants I (3)  
 ATE 244- Acft Power Plants II (3)  
 ATE 246- Acft Power Plants III (3)  
 ATE 248- Acft Power Plants IV (3)  
 ATE 222- Acft Systems I (3)  
 ATE 224- Acft Systems II (3)  
 ATE 226- Acft Systems III (3)  
 ATE 228- Acft Systems IV (3)  
 ATE 252- Acft Power Plant Systems I (3)  
 ATE 254- Acft Power Plant Systems II (3)  
 ATE 256- Acft Power Plant Systems III (3)  
 ATE 258- Acft Power Plant Systems IV (3)

**Total KCTCS Credits = 76**

**EKU Equivalents**

(Must take EKU equivalent course at KCTCS to optimize transfer credits)

GE 1A ENG 101 (3)  
 GE 2 MAT 107 or higher (3)  
 GE 4B PHY 101 (3)  
 GE 3B Humanities (3)  
 GE 5B ECO 230 (3)  
 No transfer credit  
 Aviation Tech Electives (3) \*  
 Aviation Tech Electives (3) \*  
 Aviation Tech Electives (3) \*  
 Aviation Tech Electives (3) \*  
 Aviation Tech Electives (3) \*  
 Aviation Tech Electives (3) \*  
 Aviation Tech Electives (3) \*  
 Aviation Tech Electives (3) \*  
 Aviation Tech Electives (2) \*  
 No transfer credit \*  
 No transfer credit \*  
 No transfer credit \*  
 AVN 325-Acft Systems (3) \*\*  
 AVN 325-Acft Systems \*\*  
 AVN 325-Acft Systems \*\*  
 AVN 325-Acft Systems \*\*  
 AVN 435-Turbine Acft Systems (3) \*\*\*  
 AVN 435-Turbine Acft Systems \*\*\*  
 AVN 435-Turbine Acft Systems \*\*\*  
 AVN 435-Turbine Acft Systems \*\*\*

**Total applicable to EKU Aviation = 47**

Note (\*) – ECU BS Aviation: Aerospace Technology Concentration will accept a maximum of 25 aviation technical electives. Additionally, because transfer students do not need BTO 100 there is one ECU free elective. Thus, any 26 credits from ATE 102 through ATE 248 could satisfy this requirement.

Note (\*\*) – ECU will accept ATE 222 through ATE 228 in lieu of our AVN 325

Note (\*\*\*) – ECU will accept ATE 252 through ATE 258 in lieu of our AVN 435

### **Bridge Course Requirements (Courses that may be taken at either institution)**

GE 1C CMS 100 (3)

TEC 161 (3)

GE 1B ENG 102 (3)

GE 3A Arts (3)

STA 215-Intro to Statistical Reasoning (3)

Wellness (3)

GE 5A Historical Perspective (3)

GE 4A Natural or Lab life Science (3)

GE 6 Diversity (6)

**Total Bridge Credits (30)**

### **EKU only Course Requirements**

AVN 150 (3)

AVN 192 (4)

BTS 300 (0)

BTS 400 (0)

AVN 467 (0)

GEO 315 or AVN 335 (3)

MGT 301 (3)

AVN 315 (3)

AVN 340 (3)

AVN 350 (3)

AVN 401 (3)

AVN 402 (3)

AVN 410 (3)

AVN 460 (3)

AVN 360 (3)

AVN 370 (3)

AVN 390 (3)

**Total EKU only credits = 43;** Upper division Hours = 36; Request a waiver of 6 upper division hours for equivalency credits awarded for AVN 325 and AVN 435

### **Credit Summary**

Somerset Equivalent EKU credits =47

Bridge Credits taken at either institution=30

EKU only credits=43

Total equivalent degree credits = 120

Note: Because only 47 of Somerset's 76 Credits could be applied toward the EKU Aerospace Technology degree concentration, students will actually take more total credits to complete this degree.

### **Suggested Curriculum Advising Guide** **Somerset KCTCS Aviation Maintenance Technology (AMT) - freshman through sophomore years**

#### **Freshman (1<sup>st</sup> Semester) 16 hrs**

**ATE 100** Aviation Math (1 hr)

**ATE 102** Introduction to Aircraft Maintenance I

**ATE 104** Introduction to Aircraft Maintenance II

**ATE 106** Introduction to Aircraft Maintenance III

**ATE 108** Introduction to Aircraft Maintenance IV

**GE Math** ( **GE 2 Mat 107** or higher at EKU)

#### **Sophomore (1<sup>st</sup> Semester) 15 hrs**

**ATE 222** Aircraft Systems I

**ATE 224** Aircraft Systems II

**ATE 226** Aircraft Systems III

**ATE 228** Aircraft Systems IV

**GE Science** (**GE4B PHY 101** at EKU)

#### **Freshman (2<sup>nd</sup> Semester) 15 hrs**

**ATE 202** Aircraft Structures I

**ATE 204** Aircraft Structures II

**ATE 206** Aircraft Structures III

**ATE 208** Aircraft Structures IV

**GE Writing I** ( **GE 1A -ENG 101** at EKU)

#### **Sophomore (2<sup>nd</sup> Semester) 15 hrs**

**ATE 242** Aircraft Power Plants I

**ATE 244** Aircraft Power Plants II

**ATE 246** Aircraft Power Plants III

**ATE 248** Aircraft Power Plants IV

**GE Humanities** ( **Element 3B Humanities** at EKU)

#### **Freshman (3<sup>rd</sup> Semester)**

#### **Sophomore (3<sup>rd</sup> Semester) 15 hrs**

**ATE 252** Aircraft Power Plant Systems I

**ATE 254** Aircraft Power Plant Systems II

**ATE 256** Aircraft Power Plant Systems III

**ATE 258** Aircraft Power Plant Systems IV

**GE Social Interaction** (**GE5B ECO 230** Principles of Economics I at EKU)

**Total Somerset AAS Crs = 76**

**Eastern Kentucky University (EKU) BS Aviation-Aviation Technology – junior\* through senior years**  
**\*Junior Year (Bridge) courses can be taken at either institution**

**Junior (1<sup>st</sup> Semester) 15 hrs Bridge**

**Element 1C** CMS 100 Oral Communication

Wellness

**Element 6A** Diversity

TEC 161 Computer Systems

**Element 1B\*** ENG 102

**Junior (2<sup>nd</sup> Semester) 15 hrs Bridge**

**Element 3A** Arts

**Element 4A** Natural or Lab Life Science

**Element 6B** Diversity

STA 215 Intro to Statistical Reasoning  
(Prereq - All developmental requirements)

**Element 5A** Historical Perspective

**Total Bridge Credits =30**

**Junior @ EKU only (3<sup>rd</sup> Semester) 13hrs**

BTS 300 Bus & Tech Seminar (0 credit) **(EKU only)**

GEO 315 Meteorology or AVN 335 **(EKU only)**

AVN 150 Introduction to Aviation

MGT 301 Prin of Mgt

AVN 192 (4) Private Pilot Ground

**Senior @ EKU only (1<sup>st</sup> Semester) 15 hrs**

AVN 315 Human Factors in Flight Safety

AVN 350 Air Transportation

AVN 340 Airport Management

AVN 360 Problems in Aviation

AVN 410 Air Traffic Control

**Senior @ EKU only (2<sup>nd</sup> Semester) 15 hrs**

AVN 370 Techniques: Aviation Supervisors

AVN 390 Aviation Administration Decision Making

AVN 401 Airline Management

AVN 402 Corporate and Business Aviation

AVN 460 Aviation Legislation

BTS 400 Bus & Tech Seminar (0 credit)

AVN 467Exit Exam (0 credit)

**Senior @ EKU only (3<sup>rd</sup> Semester) 0 hrs**

Total credits

Somerset KCTCS = 76 **(47 credits are applicable to EKU BS Aviation-Aerospace Technology Option, with 41 LD and 6 UD) \***

Bridge (KCTCS or EKU) = **30**

EKU only = **43 (7 LD and 36 UD) \***

47+30+43=**120** semester hours

\* to receive a baccalaureate degree from EKU, a minimum of **30 semester hours** must be completed at EKU and **42 credit hours** must be in courses of **300 level or higher (Upper Division-UD)**