MEMORANDUM OF UNDERSTANDING

Between

Eastern Kentucky University (EKU)

And

Jefferson 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

Jefferson 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 KCTCS 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 Jefferson 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 KCTCS, 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 Jefferson Community and Technical College 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. Jefferson Community and Technical College’s 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. Jefferson 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. Jefferson 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 Jefferson 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        Date
Eastern Kentucky University

_________________________________________________
JCTC President
Course Equivalencies -
Jefferson Community & Technical College AAS Aviation Maintenance Technology
To
Eastern Kentucky University BS Aviation-Aerospace Technology Option

<table>
<thead>
<tr>
<th>Jefferson Degree requirements</th>
<th>EKU Equivalents</th>
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<tbody>
<tr>
<td>GE Writing I (3)</td>
<td>GE 1A ENG 101 (3)</td>
</tr>
<tr>
<td>GE Math (3)</td>
<td>GE 2 MAT 107 or higher (3)</td>
</tr>
<tr>
<td>GE Science (3)</td>
<td>GE 4B PHY 101 (3)</td>
</tr>
<tr>
<td>GE Humanities (3)</td>
<td>GE 3B Humanities (3)</td>
</tr>
<tr>
<td>GE Social Humanities (3)</td>
<td>GE 5B ECO 230 (3)</td>
</tr>
<tr>
<td>ATE 100 Aviation Math (1)</td>
<td>No transfer credit</td>
</tr>
<tr>
<td>ATE 102-Intro to Acft Maint I (3)</td>
<td>Aviation Tech Electives (3) *</td>
</tr>
<tr>
<td>ATE 104-Intro to Acft Maint II (3)</td>
<td>Aviation Tech Electives (3) *</td>
</tr>
<tr>
<td>ATE 106-Intro to Acft Maint III (3)</td>
<td>Aviation Tech Electives (3) *</td>
</tr>
<tr>
<td>ATE 108-Intro to Acft Maint IV (3)</td>
<td>Aviation Tech Electives (3) *</td>
</tr>
<tr>
<td>ATE 202- Acft Structures I (3)</td>
<td>Aviation Tech Electives (3) *</td>
</tr>
<tr>
<td>ATE 204- Acft Structures II (3)</td>
<td>Aviation Tech Electives (3) *</td>
</tr>
<tr>
<td>ATE 206- Acft Structures III (3)</td>
<td>Aviation Tech Electives (3) *</td>
</tr>
<tr>
<td>ATE 208- Acft Structures IV (3)</td>
<td>Aviation Tech Electives (3) *</td>
</tr>
<tr>
<td>ATE 242- Acft Power Plants I (3)</td>
<td>Aviation Tech Electives (2) *</td>
</tr>
<tr>
<td>ATE 244- Acft Power Plants II (3)</td>
<td>No transfer credit *</td>
</tr>
<tr>
<td>ATE 246- Acft Power Plants III (3)</td>
<td>No transfer credit *</td>
</tr>
<tr>
<td>ATE 248- Acft Power Plants IV (3)</td>
<td>No transfer credit *</td>
</tr>
<tr>
<td>ATE 222- Acft Systems I (3)</td>
<td>AVN 325-Acft Systems (3) **</td>
</tr>
<tr>
<td>ATE 224- Acft Systems II (3)</td>
<td>AVN 325-Acft Systems **</td>
</tr>
<tr>
<td>ATE 226- Acft Systems III (3)</td>
<td>AVN 325-Acft Systems **</td>
</tr>
<tr>
<td>ATE 228- Acft Systems IV (3)</td>
<td>AVN 325-Acft Systems **</td>
</tr>
<tr>
<td>ATE 252- Acft Power Plant Systems I (3)</td>
<td>AVN 435-Turbine Acft Systems (3) ***</td>
</tr>
<tr>
<td>ATE 254- Acft Power Plant Systems II (3)</td>
<td>AVN 435-Turbine Acft Systems ***</td>
</tr>
<tr>
<td>ATE 256- Acft Power Plant Systems III (3)</td>
<td>AVN 435-Turbine Acft Systems ***</td>
</tr>
<tr>
<td>ATE 258- Acft Power Plant Systems IV (3)</td>
<td>AVN 435-Turbine Acft Systems ***</td>
</tr>
</tbody>
</table>

Total KCTCS Credits = 76

Total applicable to EKU Aviation = 47

Note (*) – EKU 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 EKU free elective. Thus, any 26 credits from ATE 102 through ATE 248 could satisfy this requirement.

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

Note (****) – EKU 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
Jefferson 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 Jefferson’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

**J CTC Aviation Maintenance Technology (AMT) - freshman through sophomore years**

<table>
<thead>
<tr>
<th>Freshman (1\textsuperscript{st} Semester) 16 hrs</th>
<th>Freshman (2\textsuperscript{nd} Semester) 15 hrs</th>
<th>Freshman (3\textsuperscript{rd} Semester)</th>
</tr>
</thead>
</table>
| ATE 100  
Aviation Math (1 hr) | ATE 202  
Aircraft Structures I |                                             |
| ATE 102  
Introduction to Aircraft Maintenance I | ATE 204  
Aircraft Structures II |                                             |
| ATE 104  
Introduction to Aircraft Maintenance II | ATE 206  
Aircraft Structures III |                                             |
| ATE 106  
Introduction to Aircraft Maintenance III | ATE 208  
Aircraft Structures IV |                                             |
| ATE 108  
Introduction to Aircraft Maintenance IV | GE Writing I  
(GE 1A - ENG 101 at EKU) |                                             |
| GE Math (GE 2 Mat 107 or higher at EKU) | | |
| Sophomore (1\textsuperscript{st} Semester) 15 hrs | Sophomore (2\textsuperscript{nd} Semester) 15 hrs | Sophomore (3\textsuperscript{rd} Semester) 15 hrs |
| ATE 222  
Aircraft Systems I | ATE 242  
Aircraft Power Plants I | ATE 252  
Aircraft Power Plant Systems I |
| ATE 224  
Aircraft Systems II | ATE 244  
Aircraft Power Plants II | ATE 254  
Aircraft Power Plant Systems II |
| ATE 226  
Aircraft Systems III | ATE 246  
Aircraft Power Plants III | ATE 256  
Aircraft Power Plant Systems III |
| ATE 228  
Aircraft Systems IV | ATE 248  
Aircraft Power Plants IV | ATE 258  
Aircraft Power Plant Systems IV |
| GE Science (GE4B PHY 101 at EKU) | GE Humanities (Element 3B Humanities at EKU) | GE Social Interaction (GE5B ECO 230 Principles of Economics I at EKU) |

Total Jefferson AAS Crs = 76
Eastern Kentucky University (EKU) BS Aviation-Aerospace Technology - junior* through senior years
*Junior Year (Bridge) courses can be taken at either institution

**Junior (1st Semester) 15 hrs Bridge**
- Element 1C CMS 100 Oral Communication
- Wellness
- Element 6A Diversity
- TEC 161 Computer Systems
- Element 1B* ENG 102

**Junior (2nd 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 (3rd Semester) 13 hrs**
- 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 (1st 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 (2nd 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 467 Exit Exam (0 credit)

**Senior @ EKU only (3rd Semester) 0 hrs**
- Total credits
  - Jefferson 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)