Northwestern Michigan College (NMC) will award credit to students who have graduated from the following University of the West of England degrees according to the conditions listed below. The credit will apply to NMC Associate of Applied Science Degree in Aviation.

University of the West of England degrees:  
- BEng Degree in Aerospace Engineering  
- BEng Degree in Aerospace Engineering with Pilot Studies  
- BEng (Hons) Degree in Aerospace Engineering  
- BEng (Hons) Degree in Aerospace Engineering with Pilot Studies

Replaces the following NMC courses/credits providing the conditions below are fulfilled:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eng 111 &amp; 112</td>
<td>8</td>
</tr>
<tr>
<td>MTH 111</td>
<td>4</td>
</tr>
<tr>
<td>Humanities</td>
<td>3</td>
</tr>
<tr>
<td>Science</td>
<td>3</td>
</tr>
<tr>
<td>Avg 101</td>
<td>5</td>
</tr>
<tr>
<td>Avg 111</td>
<td>5</td>
</tr>
<tr>
<td>Avg 202</td>
<td>3</td>
</tr>
<tr>
<td>Avg 204</td>
<td>3</td>
</tr>
<tr>
<td>Avg 240</td>
<td>3</td>
</tr>
</tbody>
</table>

Total articulated credits possible: 41 credits

Conditions / Requirements:

1) Enrolled as a full time student at NMC for a minimum of two semesters
2) Completes a minimum of 24 credits at NMC
3) Graduated with Ordinary Degree or better in one of the University of the West of England degree programs above
4) Credits requested within three years of completing University of the West of England degree
5) Private Flight and Ground credits will be granted upon award of an FAA Private Pilot License

Northwestern Michigan College

Effective Date: 1/1/2015  
Expiration Date: 12/1/2018
Northwestern Michigan College (NMC) will award credit to students who have graduated from the following University of the West of England degrees according to the conditions listed below. The credit will apply to NMC Associate of Applied Science Degree in Aviation.

University of the West of England degrees:
- BEng Degree in Aerospace Engineering
- BEng Degree in Aerospace Engineering with Pilot Studies
- BEng (Hons) Degree in Aerospace Engineering
- BEng (Hons) Degree in Aerospace Engineering with Pilot Studies

These Degrees above are all Bachelor of Engineering Degrees at a higher level that the Associate of Applied Science Degree in Aviation at NMC.

Following sets out the NMC AAS Degree in Aviation Courses and their University of the West of England core courses equivalent:

<table>
<thead>
<tr>
<th>NMC AAS Degree in Aviation Courses:</th>
<th>University of the West of England Degree Equivalent:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eng 111 &amp; 112 English Composition</td>
<td>Individual Research Project</td>
</tr>
<tr>
<td>MTH 111</td>
<td>Mathematics for Engineers</td>
</tr>
<tr>
<td>Humanities group 1 course</td>
<td>Design Embodiment and Materials Selection</td>
</tr>
<tr>
<td>Science group 1 course with Lab</td>
<td>Stress and Dynamics with Labs</td>
</tr>
<tr>
<td>Social Science Group 1 Course</td>
<td>Group Project and Management</td>
</tr>
<tr>
<td>AVG 101 Private Ground School</td>
<td>See below</td>
</tr>
<tr>
<td>AVF 111 Private Flight</td>
<td>See below</td>
</tr>
<tr>
<td>AVG 202 Advanced Aircraft Systems</td>
<td>Aero Structures and Aero Propulsion</td>
</tr>
<tr>
<td>AVG 204 Airline Aviation Ground School</td>
<td>Flight Mechanics A and B</td>
</tr>
<tr>
<td>AVG 240 Corporate Aviation Ground School</td>
<td>Operations Planning and Improvement</td>
</tr>
</tbody>
</table>

Total articulated credits possible: 41 credits

The following general conditions and requirements will apply to any student requesting these transfer of credits:

1) Enrolled as a full time student at NMC for a minimum of two semesters
2) Completes a minimum of 24 credits at NMC
3) Graduated with Ordinary Degree or better in one of the University of the West of England degree programs above
4) Credits requested within three years of completing University of the West of England degree
5) Private Flight and Ground credits will be granted upon award of an FAA Private Pilot License
Summary of all the courses within the Aerospace Engineering Degree with Pilot Studies at UWE

Year 1

Electrical Interface
Materials and Manufacturing Processes
Stress and Dynamics
Thermodynamics and Fluids
Engineering Design
Mathematics for Engineers
Introduction to Aeronautics

Year 2

Stress Analysis
Dynamics
Design Embodiment and Material Selection
Mathematics for Mechanical Engineering
Group Project and Management
Flight Mechanics A
Aerodynamics
Stress/Dynamics Labs

Year 3

Mechanics of Materials
Aero Propulsion
Operations Planning and Improvement
Flight Mechanics B
Aerodynamics B
Individual Project