An Articulation Agreement Between:
University of Wisconsin (UW) Oshkosh
Northcentral Technical College (NTC)

WTCS Degree Type and Program: A.A.S. in Mechanical Design Engineering Technology
UW Degree Type and Major: B.S. with a major in Mechanical Engineering Technology

Effective Date: July 1, 2019
☐ New Agreement
☒ Revised Agreement — original agreement signed August 15, 2017
— first revision signed 15 August 2017

Next Review Date: May 1, 2021

Agreement Description and Rationale:
This articulation agreement is being established in order to expand educational opportunities for students enrolled in engineering technology programs in Wisconsin. Students enrolling at any higher educational institution in Wisconsin will be able to start their degree at any campus and finish a bachelor’s degree in engineering technology at UW Oshkosh. The B.S. degree with a major in Mechanical Engineering Technology will be conferred by UW Oshkosh after the successful completion of the specified UW Oshkosh courses in residence at UW Oshkosh in addition to the UW Oshkosh courses transferred from a partnered institution. This will allow for current associate degree holders, new students, and returning students to maximize their educational experiences and decrease redundancy in courses taken and reducing time to degree.

An articulation agreement between the A.A.S. degree in Mechanical Design Engineering Technology offered at NTC and the B.S. degree in Mechanical Engineering Technology at UW Oshkosh is justified by the close alignment of the curriculums, which leads to efficient transfer of credits and a natural extension of student learning in the transition from a two-year to a four-year degree program.

This articulation agreement is entered into with the understanding that both parties shall remain properly accredited with their respective accrediting bodies, to wit:

- UW Oshkosh: The Higher Learning Commission
- Northcentral Technical College: The Higher Learning Commission

Here follows the curriculum agreed upon in this Articulation between UW Oshkosh and Northcentral Technical College:

Admission Requirements/Conditions Specific to this Agreement:
Requirements are identical to those required for general admission to UW Oshkosh.

Articulation Transfer Agreement Terms:
The terms of this agreement apply to Northcentral Technical College students who successfully complete the A.A.S. degree in Mechanical Design Engineering Technology; meet the admission requirements set forth below for the UW Oshkosh; and enroll in the B.S. degree with a major in Mechanical Engineering Technology.

A transfer course/credit articulation table illustrating the list of courses the student must complete to earn the B.S. degree with a major in Mechanical Engineering Technology at UW Oshkosh; course/credit requirements fulfilled at Northcentral Technical College; and courses the student must take at UW Oshkosh may be found in Appendix A.

Students must meet the following requirements to confer the B.S. degree with a major in Mechanical Engineering Technology at UW Oshkosh:
- The minimum number of credits to earn the B.S. degree from UW Oshkosh is 120.
- A minimum cumulative GPA of 2.0.
- Upper level course work: A minimum of 35 credits must be completed at 300-level or above.

Format satisfies UW System Guidelines for Articulation Agreements outlined in the UW System Administrative Policy 140
- Credits from four-year institutions: A minimum of 48 credits must be earned from four-year institutions. This does not limit the number of credits that can be transferred from WTCS institutions to UW Oshkosh.
- Credits from UW Oshkosh: A minimum of 30 credits must be earned from UW Oshkosh.
- Residency requirement: Completion of 15 of the last 30 credits earned toward the degree must be from UW Oshkosh.
- Satisfactory completion of the degree credit requirements listed in Appendix A.

Additional coursework completed at Northcentral Technical College may be transferrable to satisfy UW Oshkosh general education or breadth requirements. These courses are listed in Appendix A or are searchable through the UW System Transfer Information System (TIS) Wizards (https://www.wisconsin.edu/transfer/wizards/).

**Approved by:**

**University of Wisconsin Oshkosh**

[Signature]

Colleen McDermott  
Dean of College of Letters & Science  
5/29/19

[Signature]

John Koker  
Provost & Vice Chancellor  
6/10/19

[Signature]

Andrew Leavitt  
Chancellor  
6/12/19

**Northcentral Technical College**

[Signature]

Darren Ackley  
Vice President for Learning  
7/17/19

[Signature]

Jeannie Worden  
Executive Vice President of Student Services & Regional Campuses  
7/10/19

[Signature]

Lori Weyers  
President  
7/12/19

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Format satisfies UW System Guidelines for Articulation Agreements outlined in the UW System Administrative Policy 140.
Appendix A
University of Wisconsin (UW) Oshkosh

WTCS Degree Type and Program: A.A.S. in Mechanical Design Engineering Technology
UW Degree Type and Major: B.S. with a major in Mechanical Engineering Technology

Effective Date: July 1, 2019
☐ Table accompanies new agreement  ☑ Revised table for existing agreement

Transfer Course/Credit Articulation Table:

<table>
<thead>
<tr>
<th>Northcentral Technical College</th>
<th>UW Oshkosh</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.A.S. in Mechanical Design Engineering Technology</td>
<td>B.S. with a major in Mechanical Engineering Technology</td>
</tr>
<tr>
<td><strong>Transferable Courses/Credits</strong></td>
<td><strong>All Program Course Requirements</strong></td>
</tr>
</tbody>
</table>

### Table 1: General Education / Breadth Requirements*

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Gen Ed Area</th>
<th>Xfr Cr</th>
<th>Course</th>
<th>Title</th>
<th>Gen Ed Area</th>
<th>Req Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>801 195</td>
<td>Written Communication</td>
<td>Comm 3</td>
<td></td>
<td>WBIS 188</td>
<td>Writing Seminar (3 cr)</td>
<td>WBIS 0</td>
<td></td>
</tr>
<tr>
<td>809 198</td>
<td>Intro to Psychology</td>
<td>Soc Sci 3</td>
<td></td>
<td>COM 111</td>
<td>Intro to Public Speaking (3 cr)</td>
<td>COMM 3</td>
<td></td>
</tr>
<tr>
<td>809 196</td>
<td>Intro to Sociology</td>
<td>Soc Sci 3</td>
<td></td>
<td>PSCH 101</td>
<td>General Psychology (3 cr)</td>
<td>XS 0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SOC 101</td>
<td>Intro to Sociology (3 cr)</td>
<td>XS, ES 0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>History Course (3 cr)</td>
<td>XS 3</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Social Science Course (3 cr)</td>
<td>XS 3</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Global Citizen Course (3 cr)</td>
<td>XC, GC 3</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>English Literature (3 cr)</td>
<td>XC 3</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Humanities Course (3 cr)</td>
<td>XC 3</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Humanities Course (3 cr)</td>
<td>XC 3</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>ENGL 312</td>
<td>Advanced Composition (3 cr)</td>
<td>CONN 3</td>
<td></td>
</tr>
<tr>
<td>801 197</td>
<td>Technical Reporting</td>
<td>Comm 3</td>
<td></td>
<td>ENGL 317</td>
<td>Technical Writing (3 cr)</td>
<td>elective</td>
<td></td>
</tr>
</tbody>
</table>

**General Education Transfer Credits 12**  
**General Education Total – 55-58 credits (includes gen ed credits from Table 2) 24**

*Additional coursework not listed here may be transferable to satisfy general education or breadth requirements and are searchable through the UW System Transfer Information System (TIS) Wizards (https://www.wisconsin.edu/transfer/wizards/).

### Table 2: Major Program Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Gen Ed Area</th>
<th>Xfr Cr</th>
<th>Course</th>
<th>Title</th>
<th>Gen Ed Area</th>
<th>Req Cr.</th>
</tr>
</thead>
</table>

**Support Group (all courses required)**

- MATH 161  
- MATH 171  
- MATH 172  
- MATH 162  
- MATH 171
- MATH 172

**Fundamentals Group (all courses required)**

- EGRT 101  
- EGRT 105  
- EGRT 116  
- EGRT 118  
- EGRT 130  
- EGRT 207

Waived – Refer to Note 1:

- 606 105  
- 606 106  
- 606 116  
- 606 120  
- 606 133

Note 1: See Note 1.  

Format satisfies UW System Guidelines for Articulation Agreements outlined in the UW System Administrative Policy 140.
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>606 134</td>
<td>SolidWorks 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>606 130</td>
<td>AutoDesk Inventor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>606 114</td>
<td>Mechanisms</td>
<td>4</td>
<td>Refer to Note 3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Refer to Note 3</td>
</tr>
<tr>
<td>606 125</td>
<td>Design Problems</td>
<td>3</td>
<td>Refer to Note 2</td>
</tr>
<tr>
<td>606 128</td>
<td>Technical Detailing</td>
<td>2</td>
<td>Refer to Note 3</td>
</tr>
<tr>
<td>606 111</td>
<td>Applied Mechanics</td>
<td>3</td>
<td>Refer to Note 3</td>
</tr>
<tr>
<td>606 163</td>
<td>Strength of Materials</td>
<td>3</td>
<td>Refer to Note 3</td>
</tr>
<tr>
<td>606 115</td>
<td>Machine Design 1</td>
<td>2</td>
<td>Refer to Note 3</td>
</tr>
<tr>
<td>606 117</td>
<td>Machine Design 2</td>
<td>3</td>
<td>Refer to Note 3</td>
</tr>
<tr>
<td>606 108</td>
<td>Geometric Dim &amp; Tol</td>
<td>1</td>
<td>Refer to Note 3</td>
</tr>
<tr>
<td>606 107</td>
<td>Design for Manufacture</td>
<td>4</td>
<td>Refer to Note 3</td>
</tr>
<tr>
<td>606 116</td>
<td>Tooling &amp; Production</td>
<td>2</td>
<td>Refer to Note 3</td>
</tr>
<tr>
<td>606 109</td>
<td>Computer Analysis</td>
<td>1</td>
<td>Refer to Note 3</td>
</tr>
<tr>
<td>804 195</td>
<td>College Algebra w/Apps</td>
<td>Math</td>
<td>Refer to Note 3</td>
</tr>
<tr>
<td><strong>Major Program Transfer Credits</strong></td>
<td></td>
<td></td>
<td><strong>50</strong></td>
</tr>
<tr>
<td><strong>Total Transfer Credits</strong></td>
<td></td>
<td></td>
<td><strong>62</strong></td>
</tr>
<tr>
<td><strong>Major Program Minimum – 72 credits</strong></td>
<td></td>
<td></td>
<td><strong>44</strong></td>
</tr>
<tr>
<td><strong>Minimum Additional Credits to B.S. Degree</strong></td>
<td></td>
<td></td>
<td><strong>68</strong></td>
</tr>
</tbody>
</table>

**Notes:**

1. Transfer students with an Associate of Applied Science degree in Mechanical Design Engineering Technology are not required to complete the EGRT 101 Fundamentals of Engineering Technology course for the Bachelor of Science in Mechanical Engineering Technology degree. Total UW Oshkosh program and degree credit requirements must still be satisfied.

2. A UW Oshkosh faculty member will serve as the advisor for the Internship or Capstone Project requirement.

3. 606 111 Applied Mechanics (3 cr) AND 606 163 Strength of Materials AND {MATH 161 Technical Calculus I (3 cr) OR MATH 171 Calculus I (5 cr)} AND EGRT 222 Engineering Mechanics for Transfers (2 cr) will satisfy EGRT 201 Statics for Engineering (3 cr) AND EGR 203 Mechanics of Materials for the major in Mechanical Engineering Technology only. See [https://uwosh.edu/engineeringtech/mechanical/courses/](https://uwosh.edu/engineeringtech/mechanical/courses/) for course descriptions and prerequisites.

4. Elective credits may be used to satisfy total credit requirements for the Mechanical Engineering Technology major (72 credits minimum) and the B.S. degree (120 credits minimum).

This articulation agreement may be retrieved from: [https://uwosh.edu/engineeringtech/students/transfer/](https://uwosh.edu/engineeringtech/students/transfer/)

*Format satisfies UW System Guidelines for Articulation Agreements outlined in the UW System Administrative Policy 140*
Questions regarding this agreement may be directed to:
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Department of Engineering Technology
rioux@uwosh.edu  920 424 4429