

Updated August 20, 2020

Page | 1

**Articulation Agreement  
Between  
University of Alaska Anchorage  
And  
Anchorage School District**

**Project Lead the Way: Engineering Courses**

The University of Alaska Anchorage (UAA) and the Anchorage School District (ASD) agree to the following articulation of the ASD delivered Project Lead the Way (PLTW) engineering courses. Project Lead the Way is a not-for-profit corporation that has established comprehensive activity-, project-, problem-based (APB) learning curricular and professional development programs for science, technology, engineering and mathematics ("STEM") related education (the "PLTW Program"). Certified PLTW instructors in the ASD deliver PLTW curriculum in several schools, from elementary up through the high school level. This agreement articulates ASD high school PLTW courses with specific UAA courses and credit.

<b>ASD Courses</b>	<b>UAA Course</b>	<b>UAA Credits</b>	<b>Cost</b>	<b>UAA Pathway</b>
<b>Algebra II and 2 of the following:</b> <ul style="list-style-type: none"> <li>• H8110 PLTW Introduction to Engineering Design*</li> <li>• H8114 PLTW Computer Integrated Manufacturing*</li> <li>• H8000 PLTW Civil Engineering and Architecture*</li> </ul>	ENGR A105A & B Engineering Graphics and Computer-Aided Graphics	2	\$50.00	Required for Bachelor of Science in Mechanical Engineering degree
<b>Algebra II and two of the following:</b> <ul style="list-style-type: none"> <li>• H8110 PLTW Introduction to Engineering Design*</li> <li>• H8114 PLTW Computer Integrated Manufacturing*</li> <li>• H8000 PLTW Civil Engineering and Architecture*</li> </ul>	ES A103 Engineering Graphics	3	\$75.00	Required for Bachelor of Science in Civil Engineering degree
<b>Pre-Calculus and:</b> <ul style="list-style-type: none"> <li>• H8116 PLTW Principles of Engineering</li> </ul>	ENGR A151 Introduction to Engineering	1	\$25.00	Required for Bachelor of Science in Civil Engineering, Bachelor of Science in Electrical Engineering, and Bachelor of Science in

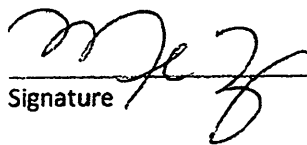
				Mechanical Engineering degrees
<b>Pre-Calculus and:</b> <ul style="list-style-type: none"> <li>H8000 Civil Engineering and Architecture*</li> </ul>	Under Consideration CE A201 Introduction to Civil Engineering	1	\$25.00	Required for Bachelor of Science in Civil Engineering degree
<b>Algebra II and:</b> <ul style="list-style-type: none"> <li>H8112 Digital Electronics</li> </ul>	CSCE/EE A241 Computer Hardware Concepts (4 cr) and CSCE/EE A241L Computer Hardware Concepts Lab (0 cr)	4	\$100.00	Required for the Bachelor of Arts in Computer Science, the Bachelor of Science in Computer Science, the Bachelor of Science in Computer Systems Engineering, and the Bachelor of Science in Electrical Engineering.

1. Students must earn a "C" or better in the high school course to qualify for UAA credit.
2. After admission to the University of Alaska Anchorage, to receive nontraditional credit:
  - a. Students must work with their UAA academic advisor to determine the appropriate selection of articulated credits. Students may not receive university credit more than once for a given high school course, so students will choose between ES A103 (3 credits) or ENGR A105A&B (2 credits) or CE A201, depending on their career and academic pathway.
  - b. Students must complete the nontraditional credit form with their academic advisor.
  - c. Students must pay a \$25.00 per credit nonrefundable nontraditional credit transcription fee.
  - d. Once the credit is awarded, it will be recorded permanently on the student's UAA transcript.
3. This articulation agreement will be valid for 5 years from the date of signing, at which point it may be renewed by mutual agreement.
4. The agreement may be revised/modified by mutual agreement as needed, or in the event of a curriculum change or cancellation, discontinuance, or disapproval of any of the courses or programs.
5. Both parties may advertise this agreement and advise students that this option is available to them.
6. Both parties agree to evaluate this program on an annual basis and in the context of student benefits, program efficiency, and effectiveness.


**Approvals**

**Anchorage School District**


Missy Frazee, Career and Technical Education,  
Acting Director

 9/15/20  
Signature Date

Kersten Johnson-Struempfer, Sr. Director,  
Secondary Education

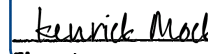
 8/27/2020  
Signature Date

Deena Bishop, Superintendent

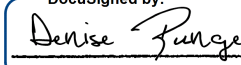
 09/09/2020  
Signature Date

**University of Alaska Anchorage**

Kenrick Mock, Interim Dean, College of  
Engineering

DocuSigned by:  
 October 11, 2020  
Signature Date

Denise Runge, Provost and Vice Chancellor for  
Academic Affairs

DocuSigned by:  
 October 21, 2020  
Signature Date

Cathy Sandeen, Chancellor

DocuSigned by:  
 October 21, 2020  
Signature Date