

**EASTERN WASHINGTON UNIVERSITY'S BACHELOR OF SCIENCE IN  
APPLIED TECHNOLOGY  
AND BATES TECHNICAL COLLEGE'S  
ASSOCIATE OF APPLIED SCIENCES FOR MULTIPLE PROGRAMS**

## **Articulation Agreement**

### **Purpose**

This articulation agreement is for students who have earned A.A.S. degrees, in multiple programs, from Bates Technical College and will complete course work at Eastern Washington University to earn a B.S. in Applied Technology.

Based on an existing program available from the Cheney campus and delivered directly to students at their various locations in Washington State, this agreement addresses a need to provide students who possess an AAS degree, across multiple programs, an option for completing a four-year baccalaureate degree. Students with an AAS degree in the programs, as referenced in this document, from Bates Technical College would be eligible for enrollment in this program. With a minimum of 90 credits of upper and lower division coursework, including the Applied Technology Program and EWU general undergraduate requirements, students will receive a Bachelor of Science in Applied Technology from Eastern Washington University. The EWU Bachelor of Science in Applied Technology Option is unique in Washington State in that the model for delivery has been tried and proved successful. The technical content of the programs, as referenced in this document, at Bates Technical College have been reviewed and are a good match for the program, and the EWU faculty is experienced in issues related to successful delivery of courses. As such, this program meets the needs of Bates Technical College students in an efficient manner.

### **Duration**

This Agreement shall be in force, for an initial five (5) years, beginning the first day of September 2018, and extending until the last day of August 2023. Renewal for an additional five (5) years, is automatic, which will place the agreement in force until August 2028. Both time periods will be subject to the terms of the Articulation Review.

### **Articulation Review**

Both BTC and EWU's program in Applied Technology will designate a minimum of one relevant faculty member to oversee articulation currency, accuracy, and efficiency. The appropriate representatives of BTC and Eastern Washington University shall review this agreement at the completion of each academic year. Amendments may be required and are allowed to maintain a functional relationship of the articulation agreement.

The articulated agreement will be subject to the following mutually agreed upon stipulations: firstly, if at any time either EWU or BTC decides to terminate its involvement in this agreement, the appropriate EWU or BTC representative must provide written notification of this intent at least one year prior to the August 31, agreement-ending date (e.g.: written intent to terminate agreement August 31, 2020, provided by terminating institution August 31, 2019). Secondly, BTC students participating in the articulated agreement will have two years beyond the notice of

intent to conclude the BTC program and make application to Eastern (e.g.: written intent to terminate agreement August 31, 2020, provided by August 31, 2019, giving students until summer 2021 to complete the BTC program).

In addition, the removal, alteration or discontinuation of individual BTC programs, as listed in the Multiple Programs List, will not affect the continuation of this agreement.

## **BTC A.A.S., Multiple Programs List**

### **General Program Information**

All of the programs in this list have been reviewed for their specific content. All of the listed programs meet the minimum of 90 credits college level classes for course content. Each program is designed to provide students with specific capabilities that are tied directly to the A.A.S program titles. (For details on each specific program capabilities, please see the BTC web pages as required.) Each program also has specific program goals that are tied directly to the A.A.S program titles. (For details on each specific programs goal, please see the BTC web pages as required.)

### **Manufacturing Area of Study:**

- AAS Degree - CNC Machinist
- AAS Degree - Machinist
- AAS Degree - Industrial Electronics and Robotics Technician

### **Construction Area of Study:**

- AAS Degree - Architectural Woodworking/Cabinet making Technology
- AAS Degree - Carpentry
- AAS Degree - Electrical Construction
- AAS Degree - Facilities Maintenance Engineer
- AAS Degree - Heating, Ventilation, Air Conditioning and Refrigeration Technician
- AAS Degree - Sheet Metal Technician
- AAS Degree - Welding

### **Engineering Area of Study:**

- AAS Degree - Civil Engineering Technology
- AAS Degree - Electrical Engineering Technician
- AAS Degree - Mechanical Engineering Technology

### **Healthcare Area of Study:**

- AAS Degree - Biomedical Service Technician: Clinical Engineering

### **Information Technology Area of Study:**

- AAS Degree - Computer Networking Systems Technician
- AAS Degree - Electronic & Communications System Technology
- AAS Degree - Electronic Equipment Service Technician
- AAS Degree - Information Technology Specialist
- AAS Degree - Software Development

**Audio/Visual Technology & Communication Area of Study:**

- AAS Degree - Broadcasting/Video Production
- AAS Degree - Digital Media

**Public Safety Area of Study:**

- AAS Degree - Fire Service

**Transportation and Distribution Area of Study:**

- AAS Degree - Auto Body Rebuilding and Refinishing
- AAS Degree - Automotive Technology
- AAS Degree - Diesel & Heavy Equipment Technology
- AAS Degree - Power Sports and Equipment Technology

**EWU General Admission Requirements**

Students must meet all University application deadlines and admission requirements in order to participate in this agreement. There are no Engineering and Design Department admission requirements beyond the EWU general admission requirements. Students must have been awarded the BTC AAS degree, as contained in the Multiple Programs List contained in this document, before they can qualify for the EWU Bachelor of Science in Applied Technology degree. Evaluation of courses for transfer credit will not be bound by the terms of this agreement for students who choose to pursue a degree other than the BS in Applied Technology. The transferability of courses may be determined on a course-by-course basis if the student does not earn an AAS in a program as indicated in this agreement or does not continue at EWU in the BS in Applied Technology.

**Applied Technology (76 Credits)**

This program is designed for students who have graduated with an associate degree in applied arts and sciences (AAAS), associate degree in applied science (AAS), associate degree in technical arts (ATA), or an associated in applied technology (AAT), in computer technology, electronics technology, mechanical engineering technology, civil engineering technology, drafting/design technology and similarly named programs at community colleges. This degree allows these students to continue their education by taking liberal arts courses, additional advanced technology courses and supporting courses to complete a Bachelor of Science Degree.

If transfer students incorporate a number of these university competencies, proficiencies, and supporting courses into or take them along with their AAS degree, the total number of credits will be reduced accordingly. EWU accepts any of the "Washington 45" from BTC towards satisfying some of Eastern's general education requirements and university competencies and proficiencies.

Bates offers the following courses from the "Washington 45":

**Communications** (5 credits) -ENGL& 101, ENGL& 102□

**Quantitative and Symbolic Reasoning** (5 credits) - MATH& 151□

**Social Science** (10 credits in two different subject areas or disciplines) -PSYC& 100, SOC& 101

**Natural Sciences** (10 credits in two different subject areas or disciplines) BIOL& 160 w/ lab, CHEM& 110 with lab, CHEM& 121 with lab, CHEM& 161

<b>Required Coursework (56 credits)</b>	
TECH 330 Technology Problem Analysis and Design I	4
TECH 331 Technology Problem Analysis and Design II	4
TECH 393 Technology in World Civilization	4
TECH 403 Computer-Aided Design and Project Management	4
TECH 452 Engineering Economics	4
TECH 454 Environmental Engineering	4
TECH 456 Engineering Ethics, Contracts and Patents	4
TECH 458 Quality Assurance	4
TECH 462 Industrial Safety Engineering	4
APTC 490 Senior Capstone: Production Laboratory	4
APTC 491 Senior Project	4
APTC 495 Internship	10

<b>Supporting Courses (20 credits)</b>	
CHEM 121 Chemistry and its Role in Society or CHEM 151 General Chemistry or CHEM 161 General Chemistry for the Health Sciences	5
MATH 142 Pre-Calculus II or MATH 107 Mathematical Reasoning	5
PHIL 210 Critical Thinking	5
PHYS 100 Physical Science I	5
Required program credits	56
Supporting credits	20
General Education, Diversity, and Electives	14
Total credits for above option	90

Note: Entrance into this program requires an AAS, AAAS, ATA or similar degree in an approved area from an accredited two-year college. Students transferring into this program are recommended to have a 2.5 GPA for their Technology coursework in the AAS, AAAS, or ATA degree. Graduation from EWU for this program requires maintaining an overall GPA of 2.5 at EWU for this option.

Note: this program requires an average of 15–16 credits per quarter to complete in 2 years. The 76 credits are based upon the following assumption: Students will have satisfied university competencies. If this assumption is not true, then the student will have to complete up to 14 more credits of classes. (See university competencies in the current EWU catalog.)

EWU Undergraduate Degree Requirement: 180 minimum credits, 60 credits must be upper division (300–400 level) and a minimum 45 credits must be taken at EWU. The AAS degrees in the Multiple Programs List, contained in this document, will satisfy 90 of the required 180 credits.

## Signatures

**Bates Technical College**

*Josh Clearman*

Josh Clearman  
Campus Dean for Advanced Technology

*Al Griswold Dec 27, 2018*

Al Griswold  
Executive Vice President  
Chief Academic Officer

*Lin Zhou*

Lin Zhou  
President

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**Eastern Washington University**

*Terry Geyer*

Terry Geyer  
Technology Programs Director

*Keith Klaus*

Keith Klaus  
Senior Director, Transfer Center

*David Bowman*

David Bowman  
Dean, CSTEM

*Scott Gordon*

Scott Gordon  
Provost and VP of Academic Affairs

Date: \_\_\_\_\_

Date: *2/19/2019*