



**EASTERN WASHINGTON UNIVERSITY'S BACHELOR OF SCIENCE IN
APPLIED TECHNOLOGY
AND COLUMBIA BASIN COLLEGE
ASSOCIATE OF APPLIED SCIENCES FOR MULTI-OCCUPATIONAL TRADES**

Articulation Agreement

Purpose

This articulation agreement is for students who have earned an A.A.S. degree, in Multi-Occupational Trades, from Columbia Basin College (CBC) 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, an option for completing a four-year baccalaureate degree. Students with an AAS degree in the program, as referenced in this document, from Columbia Basin 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 program, as referenced in this document, at Columbia Basin College has been reviewed and is 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 Columbia Basin students in an efficient manner.

Duration

This agreement shall begin the first day of September 1, 2024 and continue until either institution alters their curriculum, discontinues their program or decides to terminate its involvement in this agreement. If either school chooses to discontinue the agreement, written notice of intent should be provided one year prior to the intended agreement ending date. In the event of discontinuation, EWU will continue to honor the terms of this agreement for students who meet all of the following requirements:

- The student has begun the AAS track at CBC prior to the notice of discontinuation and will complete the AAS within 2 years of the discontinuation of this agreement.
- The student has identified EWU as a transfer destination.



Articulation Review

Both CBC 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 CBC 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.

CBC A.A.S., Multi-Occupational Trades

The primary function of the Multi-Occupational Trades apprenticeship program is to train and produce journey-level workers who meet the stringent requirements of each individual trade. This is accomplished through a combination of technical skills obtained in an approved apprenticeship program (a minimum of 5200 clock hours); the theory and practical applications learned in apprenticeship-related courses (450 clock hours); and instruction received in related education and elective courses. (The CBC AAS degree plan is available in Appendix A).

EWU B.S., Applied Technology

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. A description of requirements for the program can be found at: <https://catalog.ewu.edu/stem/me-t/technology-applied-technology-option-bs/>.

Agreement Guidelines

Students who have successfully completed their AAS in Multi-Occupational Trades at CBC will enter EWU with up to **90 credit hours** toward degree completion in Applied Technology.

EWU requires a minimum of 180 credits to earn an undergraduate degree, of which 60 credits must be upper division (300-400 level) and a minimum of 45 credits must be taken at EWU. The AAS degree contained in this document will satisfy 90 of the required 180 credits.

A detailed breakdown of specific equivalencies is below. Students are strongly encouraged to take courses that satisfy EWU competencies, proficiencies and general education requirements as part of or in combination with the AAS degree prior to transfer. Satisfaction of competencies, proficiencies and general education requirements will be conducted on a course-by-course basis. Course options for the AAS that satisfy EWU degree requirements are recommended below. Any bachelor's

degree requirements completed prior to transfer will be reduced accordingly from the required courses needed post-transfer.

CBC AAS Multi-Occupational Trades	EWU BS Applied Technology
SPAN& 121 Spanish I	SPAN 101 First Year Spanish I
MATH& 107 Math in Society (recommended) ¹ OR MATH&141 Precalculus I or OR MATH&142 Precalculus II	MATH 107 Math in Society - Satisfies a university competency & proficiency. MATH 141 Precalculus I - Satisfies a university competency & proficiency. MATH 142 Precalculus II - Satisfies a university competency & proficiency.
ENGL& 101 English Composition (recommended) ²	ENGL 101 College Comp – Satisfies university writing competency
Human Relations (recommended) ³ – Choose from: • PSYC& 100 General Psychology • CMST 260 Multicultural Comm	• PSYC 100 General Psychology – Satisfies a Social Science BACR • CMST 340 Intercultural Comm – Satisfies Diversity Requirement
Communication (recommended) ⁴ - Choose from: • CMST& 210 Interpersonal Comm • CMST& 220 Public Speaking	• CMST 210 Interpersonal Comm • CMST 201 Public Speaking

¹ If a different MATH course is taken, it will be evaluated on an individual basis.

² If a different ENGL course is taken, it will be evaluated on an individual basis.

³ If a different Human Relations course is selected, it will be evaluated on an individual basis.

⁴ If a different Communications course is selected, it will be evaluated on an individual basis.

EWU General Admission Requirements

Students must meet all University application deadlines and admission requirements in order to participate in this agreement. CBC students are encouraged to take advantage of the CBC-Destination Eastern program. There are no Department of Mechanical Engineering and Technology admission requirements beyond the EWU general admission requirements. Students must have been awarded the CBC AAS degree, as contained in this




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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.

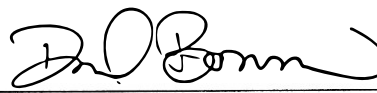
Signatures

Columbia Basin College

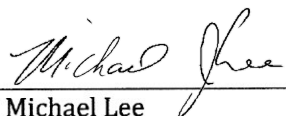
Eastern Washington University


James McCuiston
Technology Program Coordinator

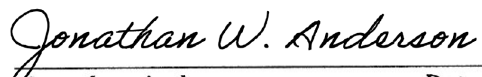
8/26/24
Date


David Bowman
Dean, College of Science, Technology
Engineering & Mathematics

8/26/2024
Date


Michael Lee
Vice President of Instruction

8/30/2024
Date


Jonathan Anderson
Provost and Vice President Academic Affairs

08/29/2024
Date



APPENDIX A:

Degree & Certificate Requirements Multi-Occupational Trades Associate in Applied Science (AAS) PROFESSIONAL TECHNICAL 2024-2025 Degree Requirements

Major Courses

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
1. Completion of an apprenticeship program of at least 5,200 (equivalent to 30 credit hours) on-the-job training (OJT) hours certified by the corresponding joint apprenticeship and training committee (JATC). A student must provide a letter from their CBC affiliated JATC to certify their OJT hours.				
2. Completion of 450 hours (equivalent to 40 credit hours) of related supplemental instruction (RSI) certified by JATC. The RSI must be provided by a JATC affiliated with Columbia Basin College. A student must provide a letter from their CBC affiliated JATC to certify RSI hours.				

Subtotal 5650

Major Support

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
BUS& 101	Introduction to Business [S/B]	5		
BUS 202	Management Principles	5		
CA 100	Introduction to Microcomputers	4		
SPAN&121+	Spanish I or above	5		

Subtotal 45

General Education

Mathematics - select 5 credits from the following:

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
MATH& 107 or MATH& 142 or MATH& 141	MATH& 107 Math in Society or MATH& 142 Precalculus Math II or MATH& 141 Precalculus Math	5		

English - 5 credits :

ENGL& 101	English Composition I [C]	5		
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Human Relations - select 5 credits from the following:

PSYC& 100	General Psychology [S/B]	5		
CMST 200	Multicultural Communication [C]	5		

Communication Studies - select 5 credits from the following:

CMST& 210	Interpersonal Communication [C]	5		
CMST& 220	Public Speaking [C]	5		

Subtotal 20 Total Credits Required 94-95 Total Credits for Degree

Complete at least one-third of the total credits required (30 credits of RSI, Major Support, and General Education) in residence at CBC.

A student may not use equivalent cross-listed courses for the same graduation requirement. Refer to the Cross-Listed Courses section of the catalog for more information, and consult with your counselor, completion coach, or faculty advisor. A student's completed CBC affiliated apprenticeship will be indicated on the transcript upon successful completion of the degree.

Visit www.columbiabasin.edu/apprenticeship for a list of CBC affiliated apprenticeships.

APPENDIX B:

EWU Applied Technology (76 Credits)

Note: this program requires an average of 15–16 credits per quarter to complete in 2 years. The 90 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 an additional 16 credits. If transfer students incorporate university proficiencies, general education and supporting courses into or take them along with their AAS degree, the total number of credits will be reduced accordingly.

Required Coursework (56 credits)

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	6
APTC 495 Internship	10

Supporting Courses (20 credits)

CHEM 121 Chemistry and its Role in Society or CHEM 171 & 171L General Chemistry or CHEM 161 & CHEM 161L 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, Global Studies & 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.

* A complete list of course alternatives that fulfill this requirement can be found at catalog.ewu.edu.

The Family Education Rights and Privacy Act (FERPA) is a Federal law that protects the privacy of student education records. The law applies to all schools that receive funds under an application program of the U.S. Department of Education.

EWU does not discriminate in its programs and activities on the basis of race, color, creed, religion, national origin, citizenship or immigration status, sex, pregnancy, sexual orientation, gender identity/expression, genetic information, age, marital status, families with children, protected veteran or military status, HIV or hepatitis C, status as a mother breastfeeding her child, or the presence of any sensory, mental, or physical disability or the use of a trained guide dog or service animal by a person with a disability, as provided for and to the extent required by state and federal laws.