

ARTICULATION AGREEMENT

BETWEEN

MISSOURI STATE UNIVERSITY – WEST PLAINS

AND

THE UNIVERSITY OF CENTRAL MISSOURI

FOR

ASSOCIATE OF SCIENCE IN TECHNOLOGY

TO

UCM's BACHELOR OF SCIENCE IN ENGINEERING TECHNOLOGY – MECHANICAL ENGINEERING TECHNOLOGY OPTION

This articulation agreement (agreement) is made and entered into by and between Board of Governors of Missouri State University d/b/a Missouri State University – West Plains (hereinafter “Missouri State University – West Plains”) and the University of Central Missouri. By this agreement, Missouri State University – West Plains and the University of Central Missouri express their mutual commitment to increasing opportunities for student access and success in higher education. As set forth below, this agreement will allow for seamless transfer of students from Missouri State University – West Plains to the University of Central Missouri (UCM) in the Associate of Science in Technology program to UCM's Bachelor of Science in Engineering Technology – Mechanical Engineering Technology Option program (the programs also referred to herein as the programs of study”).

This agreement sets forth the conditions for such seamless transfer as specified in the attached programs of study (Attachment A). Students who successfully complete the stated curriculum at Missouri State University – West Plains will be assured that the University of Central Missouri will accept these credits and will apply such to the BS Engineering Technology – Mechanical Engineering Technology Option degree program, provided, however, students meet all University of Central Missouri admission criteria. Admission will otherwise be limited to program availability and openings. Program guides and requirements will be reviewed annually or as appropriate and program guides and requirements may be added or removed at the sole discretion of the University of Central Missouri.

Term/Termination:

This agreement takes effect during the Fall semester of 2024 and will be reviewed annually.

This agreement can be terminated by either party through written notification to the other party. The agreement will terminate the succeeding semester following notification. Upon termination, students may complete transfers that have currently been submitted or are in process.

Confidential Student Information:

Both during the term of this agreement and thereafter, the parties agree to hold student Confidential Information in trust and confidence and to exercise diligence in protecting and safeguarding such information, as well as any other information protected from public disclosure by federal or state law. Each party covenants and agrees it will not knowingly use, directly or indirectly, for its own benefit, or for the benefit of another, any of said Confidential Information, but instead will use said information only for the purposes contemplated hereunder. Further, each party covenants and agrees that it will not disclose any Confidential Information to any third party except as may be required in the course of the Program hereunder and for a legitimate educational interest or as otherwise allowed by law. Finally, the parties covenant and agree that any access to the Confidential Information and/or education records of any student shall be in compliance with the Family Education Rights and Privacy Act ("FERPA") and any access to the medical records of any student shall be in compliance with the Health Insurance Portability and Accountability Act of 1996.

As used in this agreement, the term "Confidential Information" means all personally identifiable information, as defined by FERPA, including but not be limited to: a student's name, the name of the student's parent or other family member, the address of the student or student's family, a personal identifier, such as the student's social security number or student number; a list of personal characteristics that would make the student's identity easily traceable; other information that would make the student's identity easily traceable; education and/or medical records of students. Notwithstanding the foregoing, the parties recognize their obligation to respond to valid requests under Missouri's Open Records laws, Mo. Rev. Stat. §610 *et. seq.*

Liability:

Each party shall be responsible for its own acts and omissions and shall be liable for payment of that portion of any and all claims, liabilities, injuries, suits, and demands and expenses of all kinds that may result or arise out of any alleged malfeasance or neglect caused or alleged to have been caused by said party, its employees, agents, or subcontractors, in the performance or omission of any act or responsibility of said party under this Agreement. In the event that a claim is made against both parties, it is the intent of both parties to cooperate in the defense of said claim and to cause their insurers to do likewise. Both parties shall, however, retain the right to take any and all actions they believe necessary to protect their own interests.

No Waiver:

The foregoing provisions shall not be deemed a relinquishment or waiver of any kind of applicable limitations of liability provided or available to any of the parties under applicable state governmental immunities law.

Notice:

Each party shall give written notice to the other party of the assertion of any claim or the commencement of any litigation within thirty (30) days notice of the claim or commencement of litigation and shall cooperate with the other party in the defense of the claim or litigation.

Governing Law:

This agreement is governed by and constructed in accordance with the laws of the State of Missouri.

Limitation of Authority:

The rights, powers, and authority of both parties are subject to the following conditions and limitations: (1) neither party shall have the authority to perform any act on behalf of the other except as expressly authorized in this agreement or otherwise expressly authorized in writing; (2) without the approval of the other party,

neither party will authorize or obligate the expenditure of any funds or create any liability or expense for the other party; and (3) any contracts or obligations between the parties will require the signatures of both parties.

Nondiscrimination:

Neither Party will discriminate on the basis of race, color, national origin (including ancestry, or any other subcategory of national origin recognized by applicable law), religion, sex (including marital status, family status, pregnancy, sexual orientation, gender identity, gender expression, or any other subcategory of sex recognized by applicable law), age, disability, veteran status, genetic information, or any other basis protected by applicable law in connection with their obligations under this Agreement.

Missouri State University – West Plains and the University of Central Missouri enter into this program articulation agreement leading from the Associate of Science in Technology degree to the bachelor’s degree in BS Engineering Technology – Mechanical Engineering Technology Option for which program guides have been developed by the affixing signatures of the appropriate officers of both institutions having authority to sign.

Missouri State University – West Plains

Signed by:

Dr. Michael Orf

October 4, 2024

Name: vice-Chancellor of Academic Affairs

Date

Title:

University of Central Missouri

Signed by:

Timothy R Crowley

October 4, 2024

Name: Interim Provost/VPAA

Date

Title:

Attach Program Guide (created in collaboration with the Office of the Registrar)

UNIVERSITY OF CENTRAL MISSOURI

Missouri State University – West Plains (MSU-WP) – AS Technology

to

University of Central Missouri (UCM) – BS Engineering Technology – Mechanical Engineering Technology Option

Courses taken at MSU- WP

Complete the AS - Technology degree and include the following courses in the course of study. *UCM equivalencies in parentheses*

Written Communications - 6 hours

ENG 110 Writing I 3 (ENGL 1020)

ENG 221 Writing II: Writing for the Professions 3 (CTE 2060)

Oral Communications - 3 hours

COM 115 Fundamentals of Public Speaking 3 (COMM 1000)

Mathematical Sciences - 5 hours

MTH 261 Analytic Geometry and Calculus I 5 (MATH 1151)*

*MATH 1151 will substitute for MATH 1131

Natural Sciences - 8 Hours

PHY 203 Foundations of Physics I 4 (PHYS 2121)*

*PHYS 2121 will substitute for PHYS 1101

CHM 116 Fundamentals of Chemistry 4 (CHEM 1103)

Social and Behavioral Sciences - 9 hours

ECO 155 Principles of Macroeconomics 3 (ECON 1010)

PSY 121 Introductory Psychology 3 (PSY 1100)

Civics - Choose 3 credit hours:

HST 121 Survey of US Hist to 1877 3 OR (HIST 1350)

HST 122 Survey of US Hist Since 1877 3 OR (HIST 1351)

PLS 101 American Democracy & Citizenship 3 (POLS 1510)

Humanities and Fine Arts - 9 hours

Must include courses from at least two disciplines, from the list of approved Humanities and Fine Arts Core 42 courses (see MSU-WP catalog for more information).

Additional General Education - 4 hours

Select four (4) credit hours from any Social and Behavioral Science or Humanities & Fine Arts or Natural Sciences or Mathematical Sciences. (see MSU-WP catalog for more information).

Institutional Requirements - 3 hours

CIS 101 Computers for Learning 3 (CIS 1600)

IDS - 2 hours

Technology Requirements - 13 hours

Technical Electives: Select 13 credit hours from CIS, CGP, CSC, EGR, TEC, UAS or WLD courses, including one of the following capstone classes:

CGP 297 Computer Graphics & Programming Capstone 3 OR

EGR 297 Engineering Capstone 3 OR

TEC 297 Technology in Action Capstone 3

Minimum Hours for AS Technology: 60

Courses Remaining at UCM

Core Required Hours: 19 hours

ENGT 1000 Principles of Engineering 3

ENGT 1011 Applied Electricity 4

ENGT 3023 Engineering Technology Internship 1

ENGT 3520 Engineering Economy 3

ENGT 4110 Engineering Technology Problem Solving 3

ENGT 4580 Quality Systems Engineering 3

MATH 1112 College Trigonometry 2

Option 2 - Mechanical Engineering Technology: 61 hours

ATM 4032 Hydraulics and Pneumatics 3

ENGT 1120 Welding 3

ENGT 1400 Fundamentals of Engineering Design 3

ENGT 1500 Orientation to Engineering Technology 3

ENGT 1510 Introduction to Manufacturing Processes 3

ENGT 2040 Engineering Material Science 4

ENGT 2530 Machine Tool Technology 3

ENGT 2600 Lean Enterprises 3

ENGT 3400 Manufacturing Design 3

ENGT 3450 Applied Mechanics of Materials for Engineering Technology 3

ENGT 3510 Project Mgt for Engineering Technology 3

ENGT 3530 Inspection and Quality Control 3

ENGT 3562 Computer Numerical Control (CNC) 3

ENGT 3600 Applied Thermodynamics 3

ENGT 4221 Manufacturing Problem Solving 3

ENGT 4500 Mechanical Engineering Design 3

ENGT 4750 Lean Six Sigma 3

Approved Electives 9

General Education: 0 Hours (Completed with suggested coursework)

CIS 1600 Business Information Management GE 3 (CIS 101)

CHEM 1103 Intro to the Sciences: Chemistry GE 3 (CHM 116)

COMM 1000 Public Speaking GE 3 (COM 115)

CTE 2060 Technical Writing GE 3 (ENG 221)

ECON 1010 Principles of Macroeconomics GE 3 (ECO 155)

MATH 1131 Applied Calculus GE 3 (MTH 261)

PHYS 1101 College Physics I GE 4 (PHY 203)

Minimum Hours Required for BS Engineering Technology – Mechanical Engineering Technology: 123

This agreement was created using [UCM's 2024-2025 Catalog](#) and [WSU-WP's 2024-2025 Catalog](#). Students must complete a minimum of 30 upper-level hours towards their degree to graduate.