

**Addendum
to the
Master Articulation Agreement
by and between
Ashland University and Lorain County Community College**

This Addendum to the Master Articulation Agreement (“Addendum”) is entered into by Ashland University (“University”) and Lorain County Community College (“College”), collectively referred to as the “Parties.”

WHEREAS, University and College entered into a Master Articulation Agreement effective May 16, 2025 (“Agreement”);

WHEREAS, the Parties wish to supplement the Agreement to allow for students of the College to be eligible for articulated course credits at University; and

WHEREAS, the terms contained in this Addendum are specific to the degree program at each institution as set forth below.

NOW, THEREFORE, in consideration of the promises and mutual covenants contained in this Agreement, and of other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties agree as follows:

1. Degree Program(s).
 - a. College: **Associate of Science** (“College Degree Program”)
 - b. University: **Bachelor of Arts in Mathematics** (“University Degree Program”)
2. This Addendum will commence on date of last signature (“Effective Date”) and shall automatically expire on June 30, 2029, along with the Agreement, unless otherwise terminated as set forth in the Agreement.
 - a. Any transfer degree program/pathway(s) and/or or the Addendum in totality may be terminated by either institution upon notice to the other, as outlined in the Agreement.
3. The University Degree Program will be delivered in the following modality(ies): in-person course offerings.
4. Designated representatives from each institution will confer annually to review this Addendum as necessary, based on curriculum changes. Articulation courses may be added or removed from the articulation at that time.
 - a. Any revisions to the specific curriculum pathway(s) during the terms of this agreement must be approved in writing by the respective Parties and will be applied to new students undertaking the applicable program.
5. This Addendum defines pathway(s) by which a student could articulate the College Degree Program into the University Degree Program. Due to individual student factors, including but not limited to part-time or full-time status, need for developmental coursework, scheduling and availability of courses, all students may not be able to complete the listed pathway in the time projected. This Addendum does not guarantee the completion of a baccalaureate in four years, or in two years beyond the associate degree level. All articulated pathways are included in this Addendum, at the time of signing, in Attachment A.

SIGNATURES

By signing below, each party acknowledges its agreement with the terms and conditions of this Agreement and each signatory represents and warrants that he/she is authorized to sign on behalf of and bind his/her party to all of the terms and conditions of this Agreement as of the Effective Date.

LORAIN COUNTY COMMUNITY COLLEGE



09 / 05 / 2025

Denise Douglas, Ph.D.
Provost, Vice President for Academic Affairs and Student Success

Date



09 / 05 / 2025

Brenda Pongracz, Ed.D.
Associate Vice Provost, University Partnership

Date

ASHLAND UNIVERISTY



09 / 04 / 2025

Daniel McDonald, M.F.A
Interim Dean, College of Arts and Sciences

Date



09 / 02 / 2025

Darren Wick, Ph.D.
Chair, Department of Mathematics and Computer Science

Date

Associate of Science to a BA in Mathematics

Key:

Bold Courses = count toward AU Core

Underlined Courses= count toward Math degree

SUGGESTED SEQUENCE AT LORAIN COUNTY COMMUNITY COLLEGE		
Semester One	AU Equivalencies	15 Credits
MTHM 168 Statistics	MATH 108 Introductory Statistics (MLG: AU Core 1)	3
ENGL 161 College Composition I	ENG 101 English Comp I (CP1: AU Core 2)	3
MTHM 181 Calculus I	MATH 205 Calculus I	5
SDEV 101 Intro to LCCC Community	No equivalencies	1
Choose one from the list below: Social and Behavioral Sciences Elective	SS: AU Core 3	3
Semester Two		14 Credits
ENGL 162 College Composition II	ENG 102 English Comp II (CP2: AU Core 4)	3
MTHM 182 Calculus II	MATH 206 Calculus II	5
ASTY 152 Solar System Astronomy	PHYS 107 The Hidden Life of the Stars (NSC: AU Core 5)	3
Choose one from the list below: Social and Behavioral Sciences Elective	SS: AU Core 6	3
Semester Three		16 Credits
MTHM 280 Linear Algebra	MATH 307 Linear Algebra	4
MTHM 281 Multivariable Calculus	MATH 305 Calculus III	4
SPNH 151 G Elementary Spanish I	SPAN 171 Elementary Spanish I (CCI: AU Core 7)	4
Choose one: ASTY 151 Stars, Galaxies and Cosmology OR BIOG 151 General Biology OR BIOG 152 Human Biology	PHYS 107 The Hidden Life of the Stars OR BIO 100 Human Biology OR BIO 100 Human Biology (NSC: AU Core 8)	4
Semester Four		16 Credits
MTHM 270 Discrete Mathematics	MATH 223 Discrete Mathematics I and Math 250: Mathematical Proof	3
MTHM 283 Differential Equations	MATH 313 Differential Equations (Math Elective 1 of 3)	3
SPNH 152G Elementary Spanish II	SPAN 172 Elementary Spanish II	4
Choose one from the list below: Arts and Humanities Elective	HUM: AU Core 9	3
Choose one from the list below: Arts and Humanities Elective	HUM: AU Core 10	3
61 TOTAL CREDIT HOURS TO COMPLETE AS FROM LORAIN COUNTY COMMUNITY COLLEGE		

SUGGESTED SEQUENCE AT ASHLAND UNIVERSITY		
Semester Five	Requirement Details	15 Credits
CS 101 Logic & Computing	Offered fall	3
MATH 415 Abstract Algebra OR 417 Real Analysis	Offered fall even OR Offered fall odd	3
Institutional Requirement	COM: AU Core 11	3
Minor	1 of 6	3
Minor	2 of 6	3
Semester Six		15 Credits
Minor	3 of 6	3
Minor	4 of 6	3
Math Elective	2 of 3	3
MATH 230 Mathematical Modeling OR Institutional Requirement	Offered spring even OR HR: AU Core 12	3
General Elective		3
Semester Seven		15 Credits
417 Real Analysis OR MATH 415 Abstract Algebra	Offered fall odd OR Offered fall even	3
Institutional Requirement	AES: AU Core 13	3
Institutional Requirement	REL: AU Core 14	3
Minor	5 of 6	3
General Elective		3
Semester Eight		14 Credits
MATH 450 Seminar	Offered spring	1
Institutional Requirement OR MATH 230 Mathematical Modeling	HR: AU Core 12 OR Offered spring even	3
Math Elective	3 of 3	3
Minor	6 of 6	3
Institutional Requirement	AES: AU Core 15	3
General Elective	As needed	1
120 TOTAL CREDIT HOURS TO COMPLETE BA FROM ASHLAND UNIVERSITY, INCLUDING TRANSFER COURSEWORK.		

This Transfer Pathway presumes that CP1, CP2, CCI, MLG, SS, HUM, and NSC were taken at Lorain County Community College. The COM, HR, REL, and AES core will be met at AU.

Key for Core Classes:

COM = Communication
CP1 = English Comp I
CP2 = English Comp II
MLG = Math/Logic
REL = Religion
AES = Aesthetics

HUM = Humanities
NSC = Natural Sciences
SS = Social Sciences
HR = Historical Reasoning
CCI = Critical Cultural Inquiry

Contact Information:

Ashland University
Darren Wick, Department Chair
Department of Mathematics & Computer Science
419-289-5795
dwick@ashland.edu

Lorain County Community College
University Partnership (UP)
Transfer Center
Transfer Coordinator
440-366-4949
UP@lorainccc.edu

SOCIAL AND BEHAVIORAL SCIENCES

Select nine semester hours, representing two different disciplines from the following:

LCCC	AU Equivalencies
<u>ECNM 151 Principles of Macroeconomics</u>	ECON 233 Principles of Macroeconomics
<u>ECNM 152 Principles of Microeconomics</u>	ECON 232 Principles of Microeconomics
<u>PSYH 151 Intro to PSYC</u>	PSYC 101 General Psychology
<u>PSYH 254 Adolescent Development</u>	PSYC 218 Psychology of Adolescence
<u>SOCY 151G Intro to Sociology</u>	SOC 111 Principles of Sociology
<u>SOCY 255G The Family</u>	SOC 340 Marriage and Family Relationship
<u>SOCY 276G Race and Ethnicity</u>	SOC 301 Race, Ethnic and Minority Issues

ARTS AND HUMANITIES

Select nine semester hours, representing two different disciplines from the following:

LCCC	AU Equivalencies
<u>ENGL 251 American Literature I</u>	ENG 203 American Literature
<u>ENGL 255G Intro to Fiction</u>	ENG 304 Short Story
<u>ENGL 257G Intro to Poetry</u>	ENG 308 The Poem
<u>ENGL 261G Masterpieces of British Literature I</u>	ENG 217 British Literature
<u>ENGL 264 Women's Literature</u>	ENG 314 Literature and Gender
<u>ENGL 266G African American Literature</u>	ENG 309 African American Literature
<u>HUMS 274 Film Appreciation</u>	ENG 371 Literature and Film
<u>PHLY 151G Intro to Philosophy</u>	PHIL 104 Concept of Truth
<u>PHLY 161 Intro to Ethics</u>	PHIL 215 Ethics
<u>PHLY 165 Bioethics</u>	PHIL 280D Applied Ethics: Bioethics
<u>PHLY 270G Religion and Science</u>	PHIL 117 Thought and Belief