

Exhibit A
Program Level Agreements
Academic Pathway
BS in Mathematics/ BS in Aerospace Engineering
Program Content Point of Contact:

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This Program Level Agreement is intended to amend and be appended to, and operates in conjunction with the institutional MOU between KSU and Shorter University dated the 21st day of April of the year 2026.

Pathway Admission / Eligibility Requirements

1. The student may apply after completing 45 hours at the Partner Institution.
2. Undergraduate GPA of [3.0]
3. The student may begin to take courses at KSU upon completion of 60 hours at the Partner Institution.
4. The student must have completed the appropriate pre-requisite courses as listed below prior to taking courses at KSU.
5. The student must be in good academic standing as defined by the Partner Institution.

Pre-requisite Requirements

Prior to taking courses at KSU, students must have completed the following courses with a grade of “C” or better: MAT 2610: Calculus I and PHY 1030/31: General Physics I w/ Lab

Transfer Articulation

The following courses taken at SU have been deemed appropriate for transfer into the BS in Aerospace Engineering at KSU.

Shorter University Course	Kennesaw State University Equivalent
ART 2010: Art, Culture, and Values or DAN 2260: Dance Appreciation or MUS 2030: Music Appreciation or THE 2250: Theatre Appreciation	ART 1107: Art in Society or DANC 1107: Dance in Society or MUSI 1107: Music in Society or TPS 1107: Theatre in Society
BIO 1010/11: General Biology I w/ Lab	BIOL 1107 & 1107L: Principles of Biology I and Lab

CHE 1030/31: General Chemistry I w/ Lab	CHEM 1211 & 1211L: Principles of Chemistry I and Lab
CHE 1040/41: General Chemistry II w/ Lab	CHEM 1212 & 1212L: Principles of Chemistry II and Lab
COM 1010: Introduction to Communication	COMM 1100: Human Communication
CRJ 2070: Introduction to Criminal Justice or PSY 1010: Introduction to Psychology or SOC 1010: Introduction to Sociology	CRJU 1101: Foundations of Criminal Justice or PSYC 1101: Introduction to General Psychology or SOCI 1101: Introduction to Sociology
ENG 1010: English Composition I	ENGL 1101: English Composition I
ENG 1020: English Composition II	ENGL 1102: English Composition II
ENG 2140: Intro to Literature: World I or ENG 2120: Intro to Literature: British I or ENG 2110: Intro to Literature: American I or ENG 2111: Intro to Literature: African American Literature	ENGL 2110 World Literature or ENGL 2120 British Literature or ENGL 2130 American Literature or ENGL 2140 African American Literature
HIS 1020: Modern Civilization Since 1648	HIST 1100: Survey of World History
HIS 2050: American Civilization I or HIS 2060: American Civilization II	HIST 2111: United States History to 1871 or HIST 2112: United States History Since 1871
MAT 2610: Calculus I	MATH 1190: Calculus I
MAT 2620: Calculus II	MATH 2202: Calculus II
MAT 3380: Calculus III	MATH 2203: Calculus III
MAT 4010: Linear Algebra	MATH 3260: Linear Algebra
MAT 4030: Differential Equations	MATH 2306: Ordinary Differential Equations
PHY 1030/31: General Physics I w/ Lab	PHYS 2211 & PHYS 2211L: Principles of Physics I and Lab
PHY 1040/41: General Physics II w/ Lab	PHYS 2212 & PHYS 2212L: Principles of Physics II and Lab
POS 2110: American Government	POLS 1101: American Government

The following courses taken at KSU have been deemed appropriate for reverse-transfer into the BS in Mathematics at SU.

Kennesaw State University Course	Shorter University Equivalent
ART 1107: Art in Society or DANC 1107: Dance in Society or MUSI 1107: Music in Society or TPS 107: Theatre in Society	ART 2010: Art, Culture, and Values or DAN 2260: Dance Appreciation or MUS 2030: Music Appreciation or THE 2250: Theatre Appreciation
BIOL 1107 & 1107L: Principles of Biology I and Lab or CHEM 1211 & 1211L: Principles of Chemistry I and Lab	BIO 1010/11: General Biology I w/ Lab or CHE 1030/31: General Chemistry I w/ Lab
COMM 1100: Human Communication	COM 1010: Introduction to Communication

ECON 2106: Principles of Microeconomics or POLS 1101: American Government or PSYC 1101: Introduction to General Psychology or SOC1 1101: Introduction to Sociology	ECO 2100: Principles of Microeconomics or POS 2110: American Government or PSY 1010: Introduction to Psychology or SOC 1010: Introduction to Sociology
ENGL 1101: English Composition I	ENG 1010: English Composition I
ENGL 1102: English Composition II	ENG 1020: English Composition II
ENGL 2110 World Literature or ENGL 2120 British Literature or ENGL 2130 American Literature or ENGL 2140 African American Literature	ENG 2140: Intro to Literature: World I or ENG 2120: Intro to Literature: British I or ENG 2110: Intro to Literature: American I or ENG 2111: Intro to Literature: African American Literature
HIST 1100: Survey of World History or HIST 2111: United States History to 1871 or HIST 2112: United States History Since 1871	HIS 1020: Modern Civilization Since 1648 or HIS 2050: American Civilization I or HIS 2060: American Civilization II
MATH 1190: Calculus I	MAT 2610: Calculus I
MATH 2202: Calculus II	MAT 2620: Calculus II
MATH 2203: Calculus III	MAT 3380: Calculus III
MATH 2345: Discrete Mathematics	MAT 2120: Introduction to Discrete Mathematics
MATH 3260: Linear Algebra	MAT 4010: Linear Algebra
MATH 2306: Ordinary Differential Equations	MAT 4030: Differential Equations
PHYS 2211 & PHYS 2211L: Principles of Physics I and Lab	PHY 1030/31: General Physics I w/ Lab
PHYS 2212 & PHYS 2212L: Principles of Physics II and Lab	PHY 1040/41: General Physics II w/ Lab
ENGR 3305 Data Collection & Analysis	MAT 3180 Introduction to Statistics

By signing, the signatory affirms participation by their institution in this Transfer Articulation Agreement based on the terms and conditions identified above.

DocuSigned by:
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April 22, 2026
Lawrence Whitman, Ph.D.
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Signed by:
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April 22, 2026
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