

ASSOCIATE OF SCIENCE PRE-MAJOR ARTICULATION AGREEMENT:

INDUSTRIAL SYSTEMS DATA ANALYTICS

MID-STATE TECHNICAL COLLEGE (MSTC)

AND

LAKELAND UNIVERSITY (Lakeland)

The purpose of this articulation agreement is to provide a seamless transfer process for students enrolled in the Associate of Science at Mid-State Technical College (MSTC) who seek to use the elective credits within that degree to pursue a pre-major pathway to a bachelor's degree in Industrial Systems Data Analytics at Lakeland University (Lakeland). Through the collaborative efforts of faculty, student services, and administration, MSTC and Lakeland will provide students with a clear path to reach their educational goals.

Students who complete the Associate of Science at MSTC will be eligible for guaranteed admission to the Bachelor of Science in Industrial Systems Data Analytics program at Lakeland. Students who complete the occupational courses listed below as part of the conferred Associate of Science degree at MSTC will have those courses applied in transfer toward the requirements of Lakeland's Bachelor of Science in Industrial Systems Data Analytics. Per the transfer guide below, students would need to complete the courses listed under the heading of "Courses Needed to Complete Degree at Lakeland University" in order to be awarded the Bachelor of Science degree in Industrial Systems Data Analytics. Students also are eligible for all benefits and incentives outlined in the parent transfer agreement, including guaranteed admission to Lakeland with junior standing. The provisions below outline the terms that will guide both parties in implementing and monitoring this agreement.



General Education Courses					
MSTC			Lakeland		
Course No.	Course Title	Credits	Course No.	Course Title/Field	Credits
10801136	English Composition I	3	GEN 110	Composition I: Academic Writing	3
20801223	English Composition II	3	GEN 112	Composition II: Argumentation & Research	3
10801196	Oral/Interpersonal Communication - OR -	3	COM 111	Fundamentals of Public Speaking	3
10801198	Speech				
20801255	Intro to Literature OR -	6	ENG 190	Approaching Literature	6
20801247	Contemporary World Literature - OR -		ENG 200	Exploring World Literature	
20801233	Children's Literature		ENG ELEC	English Elective	
20815201	Art Appreciation OR -		ART ELEC	Art Elective	
20805201	Music Appreciation		MUS ELEC	Music Elective	
10809166	Intro to Ethics: Theory & Application- OR -		PHI 232	Ethics	
20809217	Intro to Philosophy		PHI 221	Intro to Philosophy	
10809122	Intro to American Government - OR -		POL 221	American Government	
20803215	History of American People to 1877 - OR -		HIS 111	US History I	
20803219	History of American People from 1877		HIS 112	US History II	
20803258	World History to 1500 -OR-	HIS 101	World History I		
20803259	World History since 1500	HIS 102	World History II		
20809287	Principles of Macroeconomics	6	ECN 235	Principles of Macroeconomics	6
20809291	Principles of Microeconomics		ECN 230	Principles of Microeconomics	
10809196	Developmental Psychology - OR -		PSY 330	Human Growth & Development	
10809198	Intro to Psychology		PSY 200	General Psychology	
10809196	Introduction to Sociology		SOC 100	Introduction to Sociology	
20809237	Abnormal Psychology		PSY 372	Abnormal Psychology	
20809275	Marriage and Family		SOC ELEC	Sociology Elective	
20809254	Educational Psychology		PSY 230	Educational Psychology	
10809103	Think Critically & Creatively		GEN 130	CORE I: Foundations of Critical Thinking	
10804195	College Algebra with Applications		3	MAT 140	
	Science course with lab	4	SCI ELEC or course	Various courses are direct equivalents	4
	13 Additional Science/Math Courses**	13	SCI or MATH	Various courses are direct equivalents	13
	Physical Fitness course	1	ELEC	General Elective	1
20802217	Spanish 1	4	SPA 101	Spanish I/Lab	4
10809172	Diversity Studies	3	SOC 210	Majority-Minority Relations	3
	Total general education credits earned:	49		Total general education credits accepted:	49

Occupational Courses					
Course No.	Course Title	Credits	Course No.	Course Title	Credits
10152101	Intro to Programming (elective choice)	3	CPS 200	Programming I	3
10156101	Database Concepts & Design (elective choice)	3	DAT 210	Database Basics	3
10804189	Introductory Statistics	3	MAT 220	Probability and Statistics	3
10152121	Object-Oriented Programming 1	3	CPS 280	Special Topics in Computer Science	3
	Total elective credits:	12		Total transferable credits:	61

* Dependent upon MSTC course chosen
NOTE: Transfer credits noted assume completed Associate's Degree.

Courses needed to complete degree at Lakeland University:

Course No.	Course Title	Credits
GEN 3XX	Core II: Exploring Human Condition	3
GEN 4XX	Core III: Shaping the Future	3
CPS 212	Programming II	3
CPS 313	Advanced Programming	3
DAT 318	Computational Modeling and Visualization	3
DAT 401	Operations Research	3
DAT 402	Advanced Modeling Techniques and Visualization	3
DAT 442	Data Management & Warehousing	3
DAT 452	Information Technology Project Management	3
DAT 455	Predictive Analysis	3
MAT 231	Calculus**	4
MAT 250	Discrete Mathematics	3
MAT 320	Applied Statistics	3
MAT 362	Linear Algebra	3
	Number of electives needed to reach 120 credit minimum	16
	Total credits needed to complete Lakeland University degree:	59

**may not need if completed in AA degree

PROVISIONS OF THIS AGREEMENT:

1. **Admission.** It is the student's responsibility to demonstrate fulfillment of the current admission requirements of Lakeland at the time of admission.
2. **Advising.** Lakeland and MSTC will provide academic advising to MSTC students inquiring about Lakeland's programs and the pre-major pathway, including access to a Lakeland advisor before transfer. Lakeland and MSTC will share materials, catalogs, and other information to facilitate their understanding of requirements and programs. MSTC will assist Lakeland in arranging recruitment events on its campuses.
3. **Marketing.** Any marketing of this agreement will be subject to the prior approval of both parties and will adhere to each institution's standards for the use of its name and logo. Each institution will assume responsibility for appropriate marketing to reach its student population. Each institution may provide a link to this agreement and/or the other institution at its website, with notice to the other party.
4. **Accreditation.** Both parties agree that failure to maintain regional accreditation will be grounds for termination of the agreement. Failure to maintain accreditation required by the specific academic program(s) referenced in this agreement will be grounds for exclusion of that program from the agreement.
5. **Tracking of Use.** To track the use of this articulation agreement by students, Lakeland and MSTC will share aggregate pre-enrollment and registration data of the numbers of students pursuing the pre-major pathway.
6. **Periodic Review.** Lakeland and MSTC will review this articulation agreement on a three-year cycle or earlier if curricular or institutional policy changes are warranted. Each institution agrees to notify the other of significant curricular or policy changes in a timely manner.
7. **Cancellation.** Both parties agree to provide at least one hundred eighty days of advance written notification of their intent to cancel this agreement. MSTC students who apply to Lakeland prior to the cancellation date will be permitted to transfer credits under the agreement terms.

OFFICIAL CONTACT PERSONS:

For MSTC

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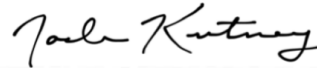
SIGNATURES

This signed agreement has been reviewed and approved by both institutions for the term specified.



10/26/2022

Deb Stencil
Vice President for Academics
Mid-State Technical College



10/14/2022

Joshua P. Kutney
Vice President for Academic Affairs
Lakeland University