TRANSFER PATHWAY GUIDE

Associate of Applied Science to Bachelor in Integrated Studies
Computerized Manufacturing & Machining

Overview
Completion of the following curriculum will satisfy the requirements for Associates of Applied Science at the Kentucky Community and Technical College System and leads to a Bachelor's Degree at Brescia University.

Admission Requirements
Official transcript from all schools attended. Combined grade point of average of a 2.0 or higher.

Degree Requirements
Students can apply to Brescia University at: https://www.brescia.edu/apply/ For any questions or additional information on tuition, deadlines, or start dates, please email BUconnections@brescia.edu

General Transfer Requirements
Brescia University can accept up to 77 hours of transfer credit from KCTCS from their associate of applied science for courses where a student made a grade of C or above.

KCTCS AAS TO BU's Bachelor Degree CHECKLIST

Kentucky Community and Technical College System

Category 1: KCTCS General Education Core Requirements (16 hours)

KCTCS Course	Course or Category	Credits	Brescia Course	Completed
MAT 116, MAT 126, or Higher	Quantitative Reasoning	3	GER Math	
	Natural Sciences	3		
	Social/ Behavioral Sciences	3		
	Heritage/ Humanities*	3		
ENG 101	Written Communication	3	ENG 101	
	Electives (Co-op or Practicum)	1		
	Subtotal General Education Core Courses	**16**		

*World History is required at Brescia University. If not taken at KCTCS, will need to be taken at Brescia.

Category 2: KCTCS Technical and Support Component (48-51 hours)

KCTCS Course	Course or Category	Credits	Brescia Course	Completed
	Digital Literacy	0-3		
CMM 110 AND CMM 112 OR CMM 114	Fundamentals of Machine Tools A AND Fundamentals of Machine Tools B OR Fundamentals of Machine Tools	6		
CMM 118	Metrology/Control Charts	2		
CMM 120 AND CMM 122 OR CMM 124	Applied Machining I AND Applied Machining II OR Applied Machining	6		
CMM 130 AND CMM 132 OR CMM 134 OR CMM 138	Manual Programming AND CAD/CAM/CNC OR Manual Programming/CAD/CAM/CNC OR Intro to Programming & CNC Machines	6		
CMM 210 AND CMM 212 OR CMM 214	Industrial Machining I AND Industrial Machining II OR Industrial Machining	6		
CMM 220 AND CMM 222 OR CMM 224	Advanced Industrial Machining I AND Advanced Industrial Machining II OR Advanced Industrial Machining	6		
CMM 2301 AND CMM 2302 OR CMM 230 OR CMM 234	Intro to Conversational Programming AND Conversational Editing and Subroutines OR Conversational Programming OR CNC Machines and Coding Practices	6		
CMM 2401 AND CMM 2402 OR CMM	Intro to 3-D Code Sequencing and Tool path Production AND Advanced 3-D Code Sequencing and Macro Systems OR Intro to	6		

KCTCS Course	Course or Category	Credits	Brescia Course	Completed
240 OR CMM 244	3-D Programming OR Advanced Programming/Setup Practices			
BRX 110 AND BRX 210 OR BRX 112	Basic Blueprint Reading for Machinist AND Mechanical Blueprint Reading for Machinist OR Blueprint Reading for Machinist	4		
	Subtotal AAS Technical Courses	**48-51**		

BRESCIA UNIVERSITY

Major Requirements for Integrated Studies, Emphasis in Business

Brescia University Course	Course Name	Credits	KCTCS Course	Taken at KCTCS
Eng 102	Writing II	3	ENG 102	
Eng 201	Intro to Fiction	3	ENG 161	
Sph 110	Public Speaking	3	COM 181	
CS 105	Office Applications	3	CIT 105	
Spn 101	GER Foreign Language	3	SPA 101	
Drm 325	Oral Interpretation (GER UD Fine Arts)	3		
Eng 341 or 342	GER UD Literature	3		
Phl 346	Business Ethics (GER UD Philosophy)	3		
Psy 105	Intro to Psychology (GER Social Beh Sci)	3	PSY 110	
Th 318	Faith & Justice (GER UD Theology)	3		
BAd 301	Business Law	3	BAS 267	
BAd 405	Management Information Systems	3		
BAd 410	Public Regulation of Business	3		
Mgt 306	Management Concepts	3	BA 283	
Mkt 307	Marketing Concepts	3	BAS 282	
BAd 418	Quantitative Methods for Business	3		
Mgt 315	Personnel/Human Resource Management	3	BA 274	
IS 499	Sr. Capstone (Final Paper Required)	3		
SW 310	Social Issues and Diversity (UD Elective)	3		
Mgt 308	Organizational Behavior (Or another UD Elective)	3		
	Subtotal BRESCIA Credit Hours	**60**		
	Total Baccalaureate Degree Credit Hours	**120**		

Please note: 39 hours of Upper Division (300 or 400 level) credit is needed to graduate.

Updated: {6-30-22}