  

# 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](mailto: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** | **{Institution} Course** | **Completed** |
| --- | --- | --- | --- | --- |
| MAT 116, MAT 126, or Higher | Quantitative Reasoning | 3 |  |  |
|  | Natural Sciences | 3 |  |  |
|  | Social/ Behavioral Sciences | 3 |  |  |
|  | Heritage/ Humanities\* | 3 |  |  |
| ENG 101 | Written Communication | 3 |  |  |
|  | 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** | **{Institution} 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 240 OR CMM 244 | Intro to 3-D Code Sequencing and Tool path Production AND Advanced 3-D Code Sequencing and Macro Systems OR Intro to 3-D Programming OR Advanced Programming/Setup Practices | 6 |  |  |
| 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** | **{Institution} Course** | **Taken at KCTCS** |
| --- | --- | --- | --- | --- |
| Eng 102 | Writing II | 3 |  |  |
| Eng 201 | Intro to Fiction | 3 |  |  |
| Sph 110 | Public Speaking | 3 |  |  |
| CS 105 | Office Applications | 3 |  |  |
| Spn 101 | GER Foreign Language | 3 |  |  |
| 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 |  |  |
| Th 318 | Faith & Justice (GER UD Theology) | 3 |  |  |
| BAd 301 | Business Law | 3 |  |  |
| BAd 405 | Management Information Systems | 3 |  |  |
| BAd 410 | Public Regulation of Business | 3 |  |  |
| Mgt 306 | Management Concepts | 3 |  |  |
| Mkt 307 | Marketing Concepts | 3 |  |  |
| BAd 418 | Quantitative Methods for Business | 3 |  |  |
| Mgt 315 | Personnel/Human Resource Management | 3 |  |  |
| 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 |  |  |
| Eco 201 | Principles of Economics I (or another Free Elective) | 3 |  |  |
| Eco 202 | Principles of Economics II (or another Free Elective) | 3 |  |  |
|  | **Subtotal BRESCIA Credit Hours** | **61-64** |  |  |
|  | **Total Baccalaureate Degree Credit Hours** | **128** |  |  |

Updated: {8-26-2020}