  

# TRANSFER PATHWAY GUIDE

Associate of Applied Science to Bachelor in Integrated Studies

**Engineering and Electronics Technology, Robotics and Automation Track**

## 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 (18-19 hours)

| **KCTCS Course** | **Course or Category** | **Credits** | **{Institution}Course** | **Completed** |
| --- | --- | --- | --- | --- |
| MAT 150 OR MAT 126 OR Higher | Quantitative Reasoning | 3 |  |  |
| PHY 171 | Applied Physics OR Other Natural Sciences with Consent of Program Coordinator | 3-4 |  |  |
|  | Social/ Behavioral Sciences | 3 |  |  |
|  | Heritage/ Humanities\* | 3 |  |  |
| ENG 101 | Written Communication | 3 |  |  |
| COM 181 | Basic Public Speaking | 3 |  |  |
|  | **Subtotal General Education Core Courses** | **18-19** |  |  |

\*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 (44-47 hours)

| **KCTCS Course** | **Course or Category** | **Credits** | **{Institution}Course** | **Completed** |
| --- | --- | --- | --- | --- |
| ELT 110 OR IMT 110 AND IMT 111  | Circuits I OR Industrial Maintenance Electrical Principles AND Industrial Maintenance Electrical Principles Lab  | 5 |  |  |
| ELT 114 | Circuits II  | 5 |  |  |
| ELT 210 | Devices I  | 4 |  |  |
| ELT 120 | Digital I  | 3 |  |  |
| CAD 100 OR BRX 120 | Introduction to Computer Aided Design OR Basic Blueprint Reading OR Equivalent Course with Consent of Program Coordinator | 3-4 |  |  |
|  | Digital Literacy  | 3 |  |  |
| ELT 289 | Engineering and Electronics Technology Capstone Course | 1 |  |  |
| ELT 265 OR FPX 100 AND FPX 101 | Applied Fluid Power OR Fluid Power AND Fluid Power Lab | 3-5 |  |  |
| ELT 260 | Robotics and Industrial Automation  | 5 |  |  |
| ELT 244 OR EET 270 AND EET 271 | Electrical Machinery and Controls OR Electrical Motor Controls I AND Electrical Motor Controls I Lab | 4 |  |  |
| ELT 250 OR EET 276 AND EET 277 | Programmable Logic Controllers OR Programmable Logic Controllers AND Programmable Logic Controllers Lab  | 4 |  |  |
|  | Technical Electives \*  | 4 |  |  |
|  | **Subtotal AAS Technical Courses** | **44-47** |  |  |

### 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 |  |  |
| 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** | **62-66** |  |  |
|  | **Total Baccalaureate Degree Credit Hours** | **128** |  |  |

Updated: {8-26-2020}