

TRANSFER PATHWAY GUIDE 2023-2024

Associate in Science to Bachelor of Science in Electrical and Electronic Engineering Technology

Overview

Completion of the following curriculum will satisfy the requirements for the Associate in Science (AS) degree at a Kentucky Community and Technical College System (KCTCS) institution and leads to the Bachelor of Science (BS) in Electrical and Electronic Engineering Technology degree at Northern Kentucky University (NKU).

Applying to the KCTCS2NKU Program

Students can apply to participate in the pathway program by completing the online application on the NKU transfer webpage. Students must be enrolled in at least six credit hours at a KCTCS institution, enrolled in an associate degree program, plan to transfer to NKU, and maintain a minimum 2.0 cumulative GPA at their KCTCS institution.

Degree Requirements for KCTCS

1) Completion of minimum 60 credit hours, 2) minimum cumulative GPA 2.0, 3) minimum of 15 credit hours earned at the institution awarding the degree, 4) cultural competence course, 5) demonstration of digital literacy, and 6) college success requirement.

Admission Requirements to NKU

Students completing an associate degree with a cumulative GPA of 2.0 or higher will be accepted into NKU.

KCTCS AS TO NKU BS IN ELECTRICAL AND ELECTRONIC ENGINEERING TECHNOLOGY CHECKLIST

Kentucky Community and Technical College System

Category 1: KCTCS General Education Core Requirements

KCTCS Course	Course or Category	Credits	NKU Course	Completed
ENG 101	Writing I (WC)	3	ENG 101	
ENG 102	Writing II (WC)	3	ENG 102	
TBS XXX	Oral Communications (OC)	3	TBD XXX	
MAT 171	Precalculus (QR)	5	MAT 103 + MAT 119	
(MAT 151 or STA 151 or MAT 161) + STA 251 or STA 220	Applied Statistics Sequence (QR) or Statistics (QR)	3-8	STA 100G + STA 205 or STA 205	
CHE 170/175	General College Chemistry I and General College Chemistry Laboratory I (SL)	5	CHE 120/ CHE 120L	
PHY 201/202	College Physics I/College Physics Laboratory I	5	PHY 211	
SOC 101	Introduction to Sociology (SB)	3	SOC 100	
TBS XXX	Social Behavioral Science Course (SB)	3	TBD XXX	
TBS XXX	Arts & Humanities (AH) – Heritage	3	TBD XXX	
TBS XXX	Arts & Humanities (AH) – Humanities	3	TBD XXX	
	Subtotal General Education Core Courses	39-44		

TBS XXX means to be selected by KCTCS student.

TBD XXX means to be determined by NKU based on course selected.

For Social and Behavioral Sciences courses, two disciplines must be represented and different from those in the Arts and Humanities category.

Students who are calculus ready are not required to take pre-calculus.

STA 251 equates to STA 205 only with the completion of MAT 151, STA 151 or MAT 161.

Category 2: KCTCS AS Requirements

KCTCS Course	Course or Category	Credits	NKU Course	Completed
MAT 175	Calculus I	5	MAT 129	
	Subtotal AS Requirement Courses	5		

Category 3: KCTCS Electives

KCTCS Course	Course or Category	Credits	NKU Course	Completed
CAD 100	Introduction to Computer Aided Design	3	EGT 212	
	First Year Experience	0-3		
ELT 110	Circuits I	5	EGT 161	
ELT 114	Circuits II	5	EGT 243	
ELT 201	Statics and Strengths of Materials	4	EGT 300	
	Subtotal Elective Courses	17-20		
	Total Associate Degree Hours	61-69		

