



TWO DEGREES, ONE PATH

## TRANSFER PATHWAY GUIDE 2024-2025

Associate in Science to Bachelor of Science in Construction Management

### ***Overview***

Completion of the following curriculum will satisfy the requirements for the Associate in Science (AS) degree at Gateway Community and Technical College (GCTC) and leads to the Bachelor of Science (BS) in Construction Management degree at Northern Kentucky University (NKU).

### ***Applying to the Gateway2NKU 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 Gateway CTC, enrolled in an associate degree program, plan to transfer to NKU, and maintain a minimum 2.0 cumulative GPA at Gateway CTC.

### ***Degree Requirements for GCTC***

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, 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.

### ***Degree Requirements for NKU***

To earn a bachelor's degree at NKU, students must complete a minimum of 120 credit hours with at least 45 credit hours numbered 300 and above. In addition, at least 25% of the credit hours required for the degree and the last 30 credit hours must be completed at NKU. Students must have an overall GPA of 2.0 and meet all prerequisites for courses and requirements for the major. Students must earn a grade of C or better in all construction management core courses.

### ***General Transfer Information***

Students must complete the online application to NKU. There is no application fee for students who are transferring from GCTC.

**KCTCS Scholars Award:** Students who are KY residents transferring directly from a KCTCS institution with at least 36 hours from that institution and minimum GPA of 3.0, were never enrolled as a degree-seeking student at NKU, and will be enrolled in at least 12 credit hours both fall and spring semester are eligible for a limited number of \$2,500 annual scholarships (\$1,250 per fall and spring). Students must gain admission to NKU by June 15 for fall and November 1 for spring to be eligible for a possible scholarship. Online accelerated programs are not eligible for the KCTCS Scholars Award.

## GCTC AS TO NKU BS IN CONSTRUCTION MANAGEMENT CHECKLIST

### Gateway Community and Technical College

#### Category 1: GCTC General Education Core Requirements

GCTC 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 Communication (OC)	3	TBD XXX	
TBS XXX	Arts & Humanities (AH) – Heritage	3	TBD XXX	
TBS XXX	Arts & Humanities (AH) – Humanities	3	TBD XXX	
ECO 201 or ECO 202	Principles of Microeconomics (SB) or Principles of Macroeconomics (SB)	3	ECO 101 ECO 100	
TBS XXX	Social & Behavioral Science (SB) – not ECO	3	TBD XXX	
PHY 201/202	College Physics I (SL)	5	PHY 211	
TBS XXX	Natural Science (NS)	3	TBD XXX	
MAT 171	Precalculus (QR)	5	MAT 103 + MAT 119	
MAT 175	Calculus (QR)	5	MAT 129	
	<b>Subtotal General Education Core Courses</b>	<b>39</b>		

TBS XXX means to be selected by GCTC 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.

#### Category 2: GCTC Electives

GCTC Course	Course or Category	Credits	NKU Course	Completed
CIT 105	Introduction to Computers	3	BIS 101	
FYE 105	Achieving Academic Success	3	UNV 100T	
CAD 201	Parametric Modeling	4	CMGT 222	
ACH 100 OR CAR 126	Construction Documents I OR Intro to Construction	3	CMGT 101	
Taken at NKU	Construction Materials and Methods I	3	CMGT 120	
Taken at NKU	Construction Materials and Methods II	3	CMGT 121	
ISX 100	Industrial Safety	3	CMGT 225	
	<b>Subtotal Elective Courses</b>	<b>22</b>		
	<b>Total Associate Degree Hours</b>	<b>61</b>		

NKU's CMGT 120 and CMGT 121 are corequisites and must be taken in the same semester. There are online KCTCS options for those classes (ACH 160 and ACH 161), however NKU recommends taking them in-person at NKU.

Degree Requirement: One course must be selected from the KCTCS identified Cultural Competence course list in the KCTCS catalog.

## Northern Kentucky University

### Category 3: NKU Major Requirements for the BS in Construction Management

NKU Course	Course	Credits	GCTC Course	Taken at GCTC
CMGT 101	Introduction to Construction Management	3	ACH 100 or CAR 126	x
CMGT 120	Construction Materials and Methods I	3	Taken at NKU	x
CMGT 121	Construction Materials and Methods II	3	Taken at NKU	x
CMGT 220	Construction Layout	3		
CMGT 222	Architectural Drafting and CAD	3	CAD 201	x
CMGT 225	Construction Safety	3	ISX 100	x
CMGT 228	Soil and Foundation Interaction	3		
CMGT 300	Cooperative Education (2 sessions)	0		
CMGT 303	Contracts and Specifications	3		
CMGT 305	Mechanical Systems for Construction	3	ACH 175 + ACH 275	
CMGT 306	Electrical Systems for Construction	3		
CMGT 320	Construction Estimating	3	ACH 297	
CMGT 322	Structural Analysis	3		
CMGT 324	Construction Scheduling	3	ACH 291	
CMGT 329	Construction Equipment	3		
CMGT 415	Construction Management	3		
CMGT 420	Construction Cost Control	3		
CMGT 422	Advanced Project Controls	3		
CMGT 431	Capstone Project	3		
Select 3: CMGT 323 CMGT 399 CMGT 400 CMGT 426 CMGT 427 CMGT 430 CMGT 494	Select three courses from the following: Land Planning and Development Independent Study in Construction Management Building Codes Heavy Construction Techniques and Analysis Construction Law and Legal Contracts Design Build Seminar: Construction Management	9		
MAT 119	Pre-Calculus Mathematics	3	MAT 171	x
MAT 128 or MAT 129 or STA 205	Calculus A or Calculus I or Statistical Methods	3-4	MAT 175	x
PHY 211	General Physics with Laboratory I	5	PHY 201/202	x
	Business Minor for Non-Business Major (see Category 4 below)	18	ECO 201 or ECO 202	Need 15 credits
	<b>Subtotal Major Credit Hours at NKU</b>	<b>63</b>		
	<b>Subtotal Major Credit Hours at GCTC</b>	<b>29</b>		
	<b>Total Major Credit Hours</b>	<b>92</b>		
	<b>Total Baccalaureate Degree Credit Hours</b>	<b>124</b>		

**Category 4: NKU Business Minor for Non-Business Major**

<b>NKU Course</b>	<b>Course</b>	<b>Credits</b>	<b>GCTC Course</b>	<b>Taken at GCTC</b>
ACC 150	Accounting for Non-Business Majors	3		
ECO 100 or ECO 101	Principles of Macroeconomics or Principles of Microeconomics	3	ECO 201 or ECO 202	x
MGT 205	Business Management Principles	3	BAS 283	
MKT 205	Principles of Marketing	3	BAS 282	
Select 2: BUS 230 BUS 301 BUS 330 ECO 100 ECO 101 ECO 203 ENTP 201 ENTP 202 ENTP 305 FIN 150 GSCM 207 IBU 395 MGT 300  MGT 306 MGT 310 MKT 300 MKT 308 MKT 310 MKT 320	Select two courses from the following: Legal Environment Business Professionalism/Career Pre Ethics: Managerial Decision Making Principles of Macroeconomics (if not taken) Principles of Microeconomics (if not taken) Economics & Business Analytical Skills Entrepreneurial Mindset Opportunity Recognition Introduction to Entrepreneurship Finance for Non-Business Majors Introduction to Supply Chain Management Study Abroad in Business Behavior in Organizations: Understanding Organizational Life Project Management Leading High Performing Teams Marketing Tools Integrated Marketing Communications Selling Skills Applied Consumer Behavior	6	BAS 267  ECO 201 or ECO 202	
	<b>Subtotal Business Minor Credit Hours at NKU</b>	<b>15</b>		
	<b>Subtotal Business Minor Credit Hours at CState</b>	<b>3</b>		
	<b>Total Business Minor Credit Hours</b>	<b>18</b>		

Updated April 2024