



TWO DEGREES, ONE PATH

TRANSFER PATHWAY GUIDE 2023-2024

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 201 ECO 200	
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	
	Subtotal General Education Core Courses	39		

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	
	Subtotal Elective Courses	22		
	Total Associate Degree Hours	61		

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
	Standard Business Component or Entrepreneurial Studies Minor (see Categories 4 and 5 below)	15-18		
	Subtotal Major Credit Hours at NKU	63-66		
	Subtotal Major Credit Hours at GCTC	26		
	Total Major Credit Hours	89-92		
	Total Baccalaureate Degree Credit Hours	125-128		

Students must complete either the Standard Business Component in Category 4 or the Entrepreneurial Studies Minor in Category 5.

Category 4: NKU Standard Business Component

NKU Course	Course	Credits	GCTC Course	Taken at GCTC
BUS 230	Legal Environment	3	BAS 267	
ECO 100 or ECO 101	Principles of Macroeconomics or Principles of Microeconomics	3	ECO 201	x
MGT 205	Business Management Principles	3	BAS 283	
ACC 150	Accounting for Non-Business Majors	3		
Select 2: ECO 100 ECO 101 BUS 330 FIN 305 HRM 300 LDR 205 LDR 308 LDR 385 MKT 205	Select two courses from the following: Principles of Macroeconomics (if not taken above) Principles of Microeconomics (if not taken above) Ethics: Managerial Decision Making Principles of Finance Introduction to Labor-Management Relations Human Relations in Organizations Leadership Development Teamwork in Organizations Principles of Marketing Other courses approved by department chair	6	ECO 202 BAS 282	
Standard Business Component Credit Hours		15		

Category 5: NKU Entrepreneurial Studies Minor

NKU Course	Course	Credits	GCTC Course	Taken at GCTC
ENTP 201	Entrepreneurial Mindset	3		
ENTP 202	Opportunity Recognition	3		
ENTP 290	Idea Validation	3		
ENTP 375	Entrepreneurial Skills & Marketing	3		
ENTP XXX	Two additional ENTP 300-level or above, or pre-approved courses from the student's major	6		
Entrepreneurial Studies Minor Credit Hours		18		

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