



TWO DEGREES, ONE PATH

TRANSFER PATHWAY GUIDE 2023-2024

Associate of Applied Science in Civil Engineering Technology –
Construction Management To
Bachelor of Science in Construction Management

Overview

Completion of the following curriculum will satisfy the requirements for the Associate of Applied Science (AAS) in Civil Engineering Technology – Construction Management degree at Cincinnati State (CState) and leads to the Bachelor of Science (BS) in Construction Management degree at Northern Kentucky University (NKU).

Applying to the CState2NKU 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 Cincinnati State, enrolled in an associate degree program, plan to transfer to NKU, and maintain a minimum 2.0 cumulative GPA at Cincinnati State.

Degree Requirements for Cincinnati State

1) Completion of minimum 60 credit hours, 2) minimum cumulative GPA 2.0, 3) completion of an FYE course as part of the first 12 credit hours taken at Cincinnati State, and 4) completion of Cooperative Education.

Admission Requirements for NKU

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

Degree Requirements for NKU

Students must complete all degree requirements for the major and earn a minimum of 120 credit hours with 45 credit hours in courses numbered 300 or above. In addition, students must earn a grade of C or better in all construction management core courses whether taken at Cincinnati State or at NKU. The core courses are listed with the Cincinnati State equivalent course in parentheses: CMGT 101 (CET 100),

CMGT 120 (CET 125), CMGT 121 (CET 225), CMGT 220 (CET 110), CMGT 222 (CET 120), CMGT 225 (CET 107), CMGT 228, CMGT 300, CMGT 303, CMGT 305 (CET 215), CMGT 306 (CET 210), CMGT 320 (CET 135), CMGT 322 (CET 200), CMGT 324 (CET 235), CMGT 329, CMGT 415 (CET 230), CMGT420 (CET 240), CMGT 422, and CMGT 431. Any course with a grade below C must be repeated.

Advising Note

Students in the CState2NKU program should work closely with their advisors when choosing courses. This document serves as a guide but does not replace academic advising. When choosing Cincinnati State courses, student may also consult the Associate of Arts advising brochure or the catalog for A and B list courses in Arts and Humanities or Social and Behavioral Sciences.

**CINCINNATI STATE AAS IN CIVIL ENGINEERING TECHNOLOGY – CONSTRUCTION
MANAGEMENT TO NKU BS IN CONSTRUCTION MANAGEMENT CHECKLIST**

Cincinnati State

Category 1: Ohio Transfer 36 Requirements

CState Course	Course or Category	Credits	NKU Course	Completed
ENG 101	English Composition 1	3	ENG 101	
ENG 102 or ENG 103 or ENG 104 or ENG 105	English Composition 2: Contemporary Issues English Composition 2: Writing about Literature English Composition 2: Technical Communication English Composition 2: Business Communication	3	ENG 102 or (GWR 200G)	
COMM 110	Public Speaking	3	CMST 101	
ECO 110	Principles of Macroeconomics	3	ECO 200	
PHY 151	Physics 1: Algebra and Trigonometry-Based	4	PHY 211	
	Subtotal General Education Core	16		

Category 2: CState Degree Requirements for the AAS in Civil Engineering Technology – Construction Management and NKU Recommendations

CState Course	Course or Category	Credits	NKU Course	Completed
FYE 1XX	First Year Experience Elective	1	UNV 100T	
MAT 125	Algebra & Trigonometry	4	MAT 125 + MAT 126 = MAT 119 + MAT 100T	
CET 100	Introduction to Civil Engineering Technology	3	CMGT 101	
CET 105	Introduction to Surveying	3	CMGT 100T	
CET 110	Advanced Surveying and Construction Layout	3	CMGT 220	
CET 115	Architectural Drafting and Computer Aided Design	4	CMGT 100T	
CET 120	Advance Computer Aided Design: Revit Architecture	4	CMGT 222	
CET 125	Statics and Strength of Materials	4	CMGT 120	
CET 135	Construction Estimating	3	CMGT 320	
CET 200	Structural Design	4	CMGT 322	
CET 225	Building Construction	3	CMGT 121	
CET 230	Construction Management	3	CMGT 415	
CET 235	Construction Scheduling	3	CMGT 324	
CET 240	Cost Engineering	3	CMGT 420	
CET 245	Building Information Models for Construction	2	CMGT 428	

CState Course	Course or Category	Credits	NKU Course	Completed
CET 285	Civil Engineering Technology Construction Management Capstone	3	CMGT 300T	
CET 291	Full-time Cooperative Education 1: Civil Engineering Technology	2	CMGT 300T	
CET 292	Full-time Cooperative Education 2: Civil Engineering Technology	2	CMGT 300T	
MAT 126	Functions and Calculus	4	MAT 125 + MAT 126 = MAT 119 + MAT 100T	
MGT 101	Principles of Management (Business Elective)	3	MGT 205	
Total Associate Degree Credit Hours		77		

Construction Management Core Courses: A grade of C or better is required in CET 100, CET 110, CET 120, CET 125, CET 135, CET 200, CET 225, CET 230, CET 235, and CET 240.

In order to complete the Bachelor's degree, students will need to either complete the Ohio Transfer Module at CState (Category 3) or take the remaining general education requirements once they transfer to NKU (Category 4).

Category 3: CState Additional Ohio Transfer Module Courses

NKU Course	Course	Credits	NKU Course	Completed
MAT 131	Statistics 1	3	STA 113	
TBS XXX	Arts/Humanities Elective I	3		
TBS XXX	Arts/Humanities Elective II	3		
TBS XXX	Social/Behavioral Science Elective II	3		
TBS XXX	Natural/Physical Science Elective II	3-4		
TBS XXX MAT 132	Choose two Transfer Module Electives Recommended: Statistics 2	6	MAT 131 + MAT 132 = STA 113 + STA 205	
Subtotal CState Additional Ohio Transfer Module Courses		21-22		

Northern Kentucky University

Category 4: NKU Additional General Education Courses

NKU Course	Course	Credits	CState Course	Taken at CState
MAT 128 or MAT 129 or	Calculus A or Calculus I or	3-4	MAT 131 + MAT 132	

NKU Course	Course	Credits	CState Course	Taken at CState
STA 205	Statistical Methods			
TBS XXX	Natural Science (not PHY)	3		
TBS XXX	Cultural Pluralism	3		
TBS XXX	Individual & Society (not ECO)	3		
TBS XXX	Culture & Creativity	6		
TBS XXX	Global Viewpoints	3		
	Subtotal NKU Additional Business Core Credit Hours	21-22		

Category 5: NKU Major Requirements for the BS in Construction Management

NKU Course	Course	Credits	CState Course	Taken at CState
CMGT 101	Introduction to Construction Management	3	CET 100	x
CMGT 120	Construction Materials and Methods I	3	CET 125	x
CMGT 121	Construction Materials and Methods II	3	CET 225	x
CMGT 220	Construction Layout	3	CET 110	x
CMGT 222	Architectural Drafting and CAD	3	CET 120	x
CMGT 225	Construction Safety	3		
CMGT 228	Soil and Foundation Interaction	3		
CMGT 300	Cooperative Education (2 sessions)	0		
CMGT 303	Construction Contracts, Documents, and Administration	3		
CMGT 305	Mechanical Systems for Construction	3		
CMGT 306	Electrical Systems for Construction	3		
CMGT 320	Construction Estimating	3	CET 135	x
CMGT 322	Structural Analysis	3	CET 200	x
CMGT 324	Construction Scheduling	3	CET 235	x
CMGT 329	Construction Equipment	3		
CMGT 415	Construction Management	3	CET 230	x
CMGT 420	Construction Cost Control	3	CET 240	x
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		

NKU Course	Course	Credits	CState Course	Taken at CState
MAT 119	Pre-calculus Mathematics	3	MAT 125 + MAT 126 = MAT 119 + MAT 100T	x
MAT 128 or MAT 129 or SAT 205	Calculus A or Calculus I or Statistical Methods	3-4	MAT 131 + MAT 132	
PHY 211	General Physics with Laboratory I	5	PHY 151	x
	Standard Business Component or Entrepreneurship Studies Minor (see Categories 5 and 6 below)	12-18		
	Subtotal Major Credit Hours at NKU	48-55		
	Subtotal Major Credit Hours at CState	38		
	Total Major Credit Hours	86-93		
	Total Baccalaureate Degree Credit Hours	146-154		

Category 6: NKU Standard Business Component

NKU Course	Course	Credits	CState Course	Taken at CState
BUS 230	Legal Environment	3		
ECO 200 or ECO 201	Principles of Macroeconomics or Principles of Microeconomics	3	ECO 110 ECO 105	x
MGT 205	Business Management Principles	3	MGT 101	x
ACC 150	Overview of Accounting	3		
Select 2: ECO 200 ECO 201 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) Principles of Microeconomics (if not taken) 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 110 ECO 105 MKT 101	
Standard Business Component Credit Hours		12		

Category 7: NKU Entrepreneurship Studies Minor

NKU Course	Course	Credits	CState Course	Taken at CState
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		
Entrepreneurship Minor Credit Hours		18		

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