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## TWO DEGREES, ONE PATH

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### **TRANSFER PATHWAY GUIDE 2023-2024**

Associate of Science To  
Bachelor of Science in Construction Management

#### ***Overview***

Completion of the following curriculum will satisfy the requirements for the Associate of Science (AS) 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 62 credit hours, 36 of which from approved Ohio Transfer 36 courses, 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 AS TO NKU BS IN CONSTRUCTION MANAGEMENT CHECKLIST**

**Cincinnati State**

**Category 1: Ohio Transfer 36 Requirements**

<b>CState Course</b>	<b>Course or Category</b>	<b>Credits</b>	<b>NKU Course</b>	<b>Completed</b>
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	
TBS XXX	Arts/Humanities List A Elective	3	TBD XXX	
TBS XXX	Arts/Humanities List B Elective	3	TBD XXX	
TBS XXX	Social/Behavioral Science List A Elective	3	TBD XXX	
ECO 105 or ECO 110	Principles of Microeconomics or Principles of Macroeconomics	3	ECO 201 or ECO 200	
MAT 131	Statistics I	3	STA 113	
MAT 151	College Algebra	4	(MAT 102 or MAT 103) + MAT 100T	
MAT 152	Trigonometry	4	MAT 119	
PHY 151	Physics 1: Algebra and Trigonometry-Based	4	PHY 211	
PHY 152	Physics 2: Algebra and Trigonometry-Based	4	PHY 213	
	<b>Subtotal General Education Core</b>	<b>40</b>		

A grade of A or B in MATH 151 equates to MAT 103 + MAT 100T. A grade of C or D in MATH 151 equates to MAT 102 + MAT 100T.

TBS XXX means to be selected by Cincinnati student.

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

**Category 2: CState Degree Requirements for the AS and NKU Recommendations**

<b>CState Course</b>	<b>Course or Category</b>	<b>Credits</b>	<b>NKU Course</b>	<b>Completed</b>
FYE 1XX	First Year Experience Elective	1	UNV 100T	
HUM 190	Career Exploration Seminar: AA/AS	2	CEP 101	
HUM XXX	Co-op/Internship Elective 1 and Elective 2	2	CEP 300	
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 125	Statics and Strength of Materials	4	CMGT 120	
CET 135	Construction Estimating	3	CMGT 320	
CET 225	Building Construction	3	CMGT 121	

CState Course	Course or Category	Credits	NKU Course	Completed
	<b>Total Associate Degree Credit Hours</b>	<b>64</b>		

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

### Northern Kentucky University

#### Category 3: 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	
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	
CMGT 324	Construction Scheduling	3	CET 235	
CMGT 329	Construction Equipment	3		
CMGT 415	Construction Management	3	CET 230	
CMGT 420	Construction Cost Control	3	CET 240	
CMGT 422	Advanced Project Controls	3		
CMGT 431	Capstone Project: Residual and Commercial Construction	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 152	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

NKU Course	Course	Credits	CState Course	Taken at CState
	Standard Business Component or Entrepreneurship Minor (see Categories 4 and 5 tables below)	15-18		
	<b>Subtotal Major Credit Hours at NKU</b>	<b>66-70</b>		
	<b>Subtotal Major Credit Hours at CState</b>	<b>23</b>		
	<b>Total Major Credit Hours</b>	<b>89-93</b>		
	<b>Total Baccalaureate Degree Credit Hours</b>	<b>130-134</b>		

#### Category 4: 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	
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 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 110 ECO 105 MKT 101	
	<b>Standard Business Component Credit Hours</b>	<b>15</b>		

#### Category 5: NKU Entrepreneurship 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		
	<b>Entrepreneurship Minor Credit Hours</b>	<b>18</b>		

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