

TRANSFER PATHWAY GUIDE

2022-2023

Associate of Applied Science in Construction Management Technology
at Sinclair College to a
Bachelor of Science in Construction Management at Northern Kentucky University

Overview

Completion of the following curriculum will satisfy the requirements for the Associate of Applied Science (AAS) in Construction Management Technology degree at Sinclair College and leads to the Bachelor of Science (BS) in Construction Management degree at Northern Kentucky University (NKU).

Degree Requirements for Sinclair College

To earn a degree at Sinclair College, a student must complete a minimum of 60 credit hours, attain a minimum cumulative GPA of 2.0, complete state and college requirements, and earn a minimum of 20 credit hours at Sinclair College.

Admission Requirements for NKU

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

Tuition and Scholarships

For information on tuition and scholarships, please visit <https://www.nku.edu/admissions/transfer.html>

NKU Contact

For more information, students should contact Joel W. Vanhooose, Transfer Pathway Coordinator, at vanhooosej2@nku.edu.

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.

**Sinclair College AAS in Construction Management Technology To
NKU BS in Construction Management Checklist**

Sinclair College

Category 1: Sinclair Requirements for the AAS in Construction Management Technology

Sinclair Course	Course or Category	Credits	NKU Course	Completed
CAT 1101	Architectural Graphics I	3	CAT 1101 + CAT 1121 = CMGT 222 + CMGT 200T	
CAT 1121	Architectural Graphics II	3	CAT 1101 + CAT 1121 = CMGT 222 + CMGT 200T	
CAT 1161	Introduction to the Built Environment	3	CMGT 101	
CAT 1201	Construction Methods & Materials	3	CAT 1201 + CAT 1211 = CMGT 120 + CMGT 200T	
CAT 1211	Construction Material Testing	2	CAT 1201 + CAT 1211 = CMGT 120 + CMGT 200T	
CAT 1241	Building Systems	3	CMGT 121	
CAT 1401	Construction Estimating	3	CMGT 320	
CAT 1501	Fundamentals of Surveying & Mapping	3	CMGT 220	
CAT 2401	Engineering Technology Project Management	3	CMGT 200T	
CAT 2411	Architectural Practice, Codes & Laws	3	CMGT 300T	
CAT 2431	OSHA 30 Hour	2	CMGT 225	
CAT 2435	Construction Credentials	1	CMGT 100T	
CAT 2702	Construction Management Technology Internship	2-4	CMGT 300	
CAT 2782	Construction Management Technology Capstone	4	CMGT 300T	
Select 1 course: CAT 1301 CAT 2201 CAT 2531	Select one course from the following: Introduction to Civil Construction CAD Architectural Visualization Advanced Surveying & Mapping	3	CMGT 300T	
COM 2211	Effective Public Speaking	3	CMST 101	
ENG 1101	English Composition I	3	ENG 101	
EGV 1301	Architectural Energy Analysis	2	CMGT 200T	

Sinclair Course	Course or Category	Credits	NKU Course	Completed
MAT 1470 and MAT 1570 or MAT 1580	College Algebra and Trigonometry or Precalculus	5-6	(MAT 102 or MAT 103) + MAT 119 or MAT 119 + MAT 100T	
TBS XXX	Ohio Transfer Module: Social & Behavioral Sciences Elective (Recommend PLS 1120: American Government)	3	PSC 100 or TBD XXX	
PHY 1141	College Physics I	4	PHY 211	
	Total Associate Degree Hours	61-64		

TBS XXX means To Be Selected by Sinclair College student

TBD XXX means To Be Determined by NKU based on courses selected at Sinclair College

Northern Kentucky University

Category 2: NKU Additional General Education Courses

NKU Course	Course	Credits	Sinclair Course	Taken at Sinclair
ENG 102	Advanced College Writing	3	ENG 1201	
TBS XXX	Natural Science	3		
TBS XXX	Self & Society	6	OTM Social & Behavioral Sciences Course	x (need 2 more courses)
TBS XXX	Culture and Creativity	6		
TBS XXX	Global Viewpoints	3		
	Subtotal Additional General Education Credit Hours	21		

Category 3: NKU Major Requirements for BS in Construction Management

NKU Course	Course	Credits	Sinclair Course	Taken at Sinclair
CMGT 101	Introduction to Construction Management	3	CAT 1161	x
CMGT 120	Construction Materials and Methods I	3	CAT 1201 + CAT 1211	x
CMGT 121	Construction Materials and Methods II	3	CAT 1241	x
CMGT 220	Construction Layout	3	CAT 1501	x
CMGT 222	Architectural Drafting and CAD	3	CAT 1101 + CAT 1121	x
CMGT 225	Construction Safety	3	CAT 2431	x

NKU Course	Course	Credits	Sinclair Course	Taken at Sinclair
CMGT 228	Soil and Foundation Interaction	3		
CMGT 300	Cooperative Education (2 sessions)	0	CAT 2702	x (need 1 session)
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	CAT 1401	x
CMGT 322	Structural Analysis	3		
CMGT 324	Construction Scheduling	3		
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: 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	CAT 2411 + CAT 1301 or CAT 2201 or CAT 2531	x (Need 1 course)
MAT 119	Pre-calculus Mathematics	3	MAT 1570 MAT 1580	x
MAT 128 or MAT 129 or SAT 205	Calculus A or Calculus I or Statistical Methods	3-4	MAT 2270 MAT 1450	
PHY 211	General Physics with Laboratory I	5	PHY 1141	x
	Standard Business Component or Entrepreneurial Studies Minor (see Categories 4 and 5 tables below)	18		
	Total NKU Major Credit Hours	57		
	Less Major Credit Hours from Sinclair	35		
	Subtotal Major Credit Hours at NKU	92		
	Total Baccalaureate Degree Credit Hours	139		

Category 4: NKU Standard Business Component

NKU Course	Course	Credits	Sinclair Course	Taken at Sinclair
BUS 230	Legal Environment	3	LAW 1101	
ECO 200 or ECO 201	Principles of Macroeconomics or Principles of Microeconomics	3	ECO 2160 or ECO 2180	
MGT 205	Business Management Principles	3	MAN 2150	
ACC 150	Overview of Accounting	3	Satisfied by ACC 1210 or ACC 1220	
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 2160 ECO 2180 MRK 2100 or MRK 2101	
Standard Business Component Credit Hours		18		

Category 5: NKU Entrepreneurial Studies Minor

NKU Course	Course	Credits	Sinclair Course	Taken at Sinclair
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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