

Southeastern Community College

Associate of Applied Science (A.A.S.) – Construction Technology Management

Transfer guide to the [University of Northern Iowa](#)

Bachelor of Science (B.S.) – Construction Management

1. When will I graduate?

Students transferring to UNI from this A.A.S. program at Southeastern should **expect to take 72 credits at UNI**. Assuming that the student is starting at UNI during the fall semester, it will take roughly five semesters (two and a half years, a fall/spring/fall/spring/fall sequence), with no summer coursework, to graduate.

Transfer Credit Summary	Credits
A.A.S. credits transferring directly into UNI program	39
Other credits transferring to UNI	9
Total credits transferring towards UNI degree	48
Total credits needed at UNI	72 (120 total)

2. What A.A.S. courses transfer?

Upon completion of this A.A.S. degree, the following courses within the listed program at UNI will be completed:

- PHYSICS 1511 – General Physics I (4 cred.)
 - Students must complete PHY 162 – College Physics at Southeastern.
- TECH CM 1000 – Introduction to Construction Processes (3 cred.)
- TECH 1016 – Computer-Aided Design (2 cred.)
- TECH CM 1100 – Construction Documents (3 cred.)
- TECH CM 3050 – Construction Estimating (3 cred.)
- ACCT 2120 – Principles of Financial Accounting (3 cred.)
 - Students must complete ACC 142 – Financial Accounting at Southeastern.
- ECON 1031 – Introduction to Business Economics (3 cred.)
 - Students must complete ECN 120 – Principles of Macroeconomics **or** ECN 130 – Principles of Microeconomics at Southeastern.
- Additional university electives transferring (18 cred.)

3. What other courses transfer?

Other courses built into this A.A.S. curriculum, or open electives, will also transfer to UNI. The following courses are recommended to take at Southeastern as part of this A.A.S. curriculum:

- HIS 151 – U.S. History to 1877 **or** HIS 152 – U.S. History Since 1877 (3 cred.)
- SPC 112 – Public Speaking (3 cred.)
- SOC 115 – Social Problems (3 cred.)



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4. What would I study at UNI?

By completing the recommended A.A.S. degree plan, the student would be required to complete the courses in black, listed below, at UNI.

Math/Science Coursework		Cr.
CHEM 1020	Chemical Technology	4
MATH 1150	Calculus for Technology	4
PHYSICS 1511	General Physics I	4
STAT 1772	Intro to Statistical Methods	3
Total Credits Remaining		11

Construction Sciences		Cr.
ENGR 1000	Intro. to Eng. & Prof. Practices	3
PHIL 1560	Science, Technology & Ethics	3
TECH CM 1000	Intro to Construction Processes	3
TECH 1015	Introduction to Sustainability	3
TECH 1016	Computer-Aided Design	2
TECH CM 1050	Construction Safety	3
TECH CM 1100	Construction Documents	3
TECH CM 2000	Surveying	3
TECH CM 2050	Construction Law	3
TECH CM 2200	Construction Management	3
TECH CM 2300	Building Services	3
ENGR 2080	Statics	2
ENGR 2180	Strengths of Materials	2
TECH CM 3000	Civil Construction	3
TECH CM 3050	Construction Estimating	3
TECH CM 3150	Constr. Planning & Scheduling	3
TECH CM 3300	Pre-Construction Management	3
TECH CM 4200	Structural Comp. in Const.	3
TECH CM 4350	Const. Company Ops. & Mgmt.	3
ENGR 4500	Senior Design	3
Total Credits Remaining		46

Math/Science Coursework		Cr.
ACCT 2120	Princ. of Financial Accounting	3
ECON 1031	Intro to Economics	3
ENGLISH 3772	Tech. Writing for Eng. Tech.	3
MGMT 3100	Legal & Social Env. of Bus.	3
Total Credits Remaining		6

UNI Foundational Inquiry (UNIFI)		Cr.
WR - Written Communication		3
OC - Oral Communication		3
QR - Quantitative Reasoning		3
HD - Human Condition (Domestic)		3
HG - Human Condition (Global)		3
SR - Scientific Reasoning (with Lab)		4
HE - Human Expression		3
RE - Responsibility		3
UNIFI certificate or UNIFI electives		12
Total UNIFI Credits Remaining		9

Credits needed to earn UNI degree 72

5. How would I complete my degree?

Based on the remaining coursework, below is a semester-by-semester breakdown of how the student would complete any remaining requirements at UNI.

Fall 1	Cr.
CHEM 1020	4
ENGR 1000	3
PHIL 1560	3
TECH CM 1050	3
TECH CM 2050	3
Total	16

Spring 1	Cr.
MATH 1150	4
TECH 1015	3
TECH CM 2200	3
TECH CM 2300	3
UNIFI course	3
Total	16

Fall 2	Cr.
STAT 1772	3
TECH CM 2000	3
ENGR 2080	2
TECH CM 3000	3
ENGLISH 3772	3
Total	14

Spring 2	Cr.
ENGR 2180	2
TECH CM 3150	3
TECH CM 3300	3
TECH CM 4350	3
UNIFI course	3
Total	14

Fall 3	Cr.
TECH CM 4200	3
ENGR 4500	3
MGMT 3100	3
UNIFI course	3
Total	12

Other Important Information

- This transfer guide is based off of the 2023-2024 academic catalogs at UNI & Southeastern Community College and includes future adjustments to the UNI curriculum.
- Courses listed in the Remaining UNI Plan of Study section are subject to change at any time and are based on a fall semester start.
- This transfer guide assumes the student is only transferring in coursework from this A.A.S. degree plan. Students **may transfer additional credits to UNI**, which will be evaluated on an individual basis.
- The UNI Foundational Inquiry (UNIFI) at UNI is the collection of general education courses required by the institution to fulfill the universities mission. For more information, visit unifi.uni.edu.