

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

A.A.S. Courses Transferring to UNI

Upon successful completion of the A.A.S. degree highlighted in this transfer guide, the following courses within the Bachelor of Science (B.S.) of Construction Management program at the University of Northern Iowa would be satisfied:

UNI Catalog #	Course Title	Cr.
PHYSICS 1511	General Physics I <i>Also satisfies LAC category 4B at UNI Please see Option A below</i>	4
TECH CM 1000	Intro to Construction Processes	3
TECH CM 1100	Construction Documents	3
TECH CM 3050	Construction Estimating	3
ACCT 2120	Principles of Financial Accounting	3
ECON 1031	Intro to Economics <i>Also satisfies LAC category 5B at UNI Please see Option B below</i>	3
	Additional univ. electives from A.A.S.	16
Grand Credit Total		35

Option A

Students **must complete** the following course at SCC in order to successfully transfer the requirement for PHYSICS 1511 - General Physics I.

SCC Catalog #	Course Title
PHY 162	College Physics I

Option B

Students **must complete** one of the following courses at SCC in order to successfully transfer the requirement for ECON 1031 - Intro to Economics.

SCC Catalog #	Course Title
ECN 110	Intro to Economics
ECN 120	Principles of Macroeconomics
ECN 130	Principles of Microeconomics

Credit Summary	Cr.
A.A.S. credits transferring to UNI	35
Other credits transferring to UNI	6
Total credits toward UNI degree	41
Total credits needed at UNI	85

Other Courses Transferring to UNI

Additional coursework built into this A.A.S. degree program may also transfer to the University of Northern Iowa. These courses satisfy requirements towards UNI's Liberal Arts core (LAC) unless otherwise noted. For more information about the LAC, please see the reverse of this document.

Required by A.A.S. degree plan

The courses listed below are required as part of the SCC A.A.S. curriculum.

SCC Catalog #	Course Title	LAC
HIS 151 or	U.S History to 1877 or	5A
HIS 152	U.S. History Since 1877	
Grand Credit Total		3

* The LAC column lists the category each course satisfies at UNI.

Option C

The course listed below is required as part of an option within the SCC A.A.S. curriculum.

SCC Catalog #	Course Title	LAC
SPC 112	Public Speaking	1B
Grand Credit Total		3

* The LAC column lists the category each course satisfies at UNI.

Have some extra time?

Listed below is a breakdown of the courses at Southeastern Community College that the student could take to fulfill various LAC options at UNI.

SCC Catalog #	Course Title	LAC
ENG 106	Composition II Take ENG 105 & ENG 106 to fulfill LAC 1A at UNI	1A
MAT 156	Statistics	1C
HIS 110 or HIS 111	Western Civilization: Ancient to Early or Western Civilization: Modern to Present	2A
ART 101 or MUS 100	Art Appreciation or Music Appreciation	3A
GEO 121 or SOC 115	World Regional Geography or Social Problems	5C

* The LAC column lists the category each course satisfies at UNI.

UNI Department of Technology

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Remaining UNI Coursework

By completing the recommended A.A.S. degree plan, courses highlighted in red transfer into the Construction Management program at UNI.

Math/Science Coursework		Cr.
CHEM 1020	Chemical Technology	4
MATH 1150	Calculus for Technology	4
PHYSICS 1511	General Physics I Also satisfies LAC category 4B at UNI	4
STAT 1772	Intro to Statistical Methods Also satisfies LAC category 1C at UNI	3
Total Credits Remaining		11

Construction Sciences		Cr.
TECH CM 1000	Introduction to Construction Processes	3
TECH CM 1050	Construction Safety	3
TECH CM 1100	Construction Documents	3
TECH CM 2000	Construction Surveying	3
TECH CM 2050	Construction Law	3
TECH CM 2100	Mechanical Systems in Construction	3
TECH 2080	Statics & Strengths of Materials	3
TECH CM 3000	Civil Construction	3
TECH CM 3050	Construction Estimating	3
TECH CM 3100	Electrical Const. Materials & Methods	3
TECH CM 3150	Construction Planning & Scheduling	3
TECH CM 3250	Computerized Project Management	3
TECH CM 4050	Construction Management	3
TECH CM 4200	Structural Components in Construction	3
TECH CM 4300	Construction Technology & Innovation	3
TECH CM 4400	Construction Management Senior Project	3
Total Credits Remaining		39

Management Courses		Cr.
ACCT 2120	Principles of Financial Accounting	3
ECON 1031	Intro to Economics Also satisfies LAC category 5B at UNI	3
ENGLISH 3772	Technical Writing for Eng. Technologists	3
MGMT 3100	Legal & Social Environment of Business	3
Total Credits Remaining		6

Liberal Arts Core (LAC)		Cr.
Category I	1A, 1B, 1C, & 1D	5
Category II	2A, 2A, & 2B	9
Category III	3A & 3B	6
Category IV	4A & 4B	3
Category V	5A, 5B, & 5C	3
Category VI	Capstone	3
Total Liberal Arts core (LAC) Credits Remaining		29

Credits needed to earn UNI degree 85

Remaining UNI Plan of Study

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

Semester 1	Cr.	
CHEM 1020	4	
TECH CM 1050	3	
TECH CM 2050	3	
TECH CM 3100	3	
LAC	3	
Total		16

Semester 2	Cr.	
MATH 1150	4	
TECH CM 2100	3	
LAC	6	
Total		13

Semester 3	Cr.	
STAT 1772	3	
TECH CM 2000	3	
TECH 2080	3	
TECH CM 3000	3	
LAC	3	
Total		15

Semester 4	Cr.	
TECH CM 3150	3	
TECH CM 3250	3	
MGMT 3100	3	
LAC	6	
Total		15

Semester 5	Cr.	
TECH CM 4050	3	
TECH CM 4200	3	
ENGLISH 3772	3	
LAC	5	
Total		14

Semester 4	Cr.	
TECH CM 4300	3	
TECH CM 4400	3	
LAC	6	
Total		12

Important Information:

* This transfer guide is based off of the 2020-21 academic catalogs at UNI and Southeastern Community College.

* Courses listed in the Remaining UNI Plan of Study section are subject to change at anytime.

* This transfer guide assumes the student is only transferring in coursework from their current A.A.S. degree curriculum. Students may transfer in additional credits, which will be evaluated on an individual basis.

* Remaining UNI Plan of Study section is scheduled based on a fall semester start. Students planning to transfer to UNI prior to the spring semester would be subjected to a different plan of study.

* The Liberal Arts core (LAC) at UNI is the collection of general education requirements required by the institution to fulfill the university's mission. More information can be found at lac.uni.edu.

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A.A.S. degrees included in agreement:

- Advanced Automation & Robotics Technology
- Automotive Technology
- Automotive Technology - Management
- Biomedical Electronics Technology
- Computer-Aided Design Technology
- Collision Repair & Restoration
- Construction Technology - Carpentry
- Construction Technology - Management
- Industrial Maintenance Technology
- Interactive & Social Media Marketing
- Network Administration & Cyber Security
- Precision Machining & CNC Technology
- Welding

Transfer Plan:

Shown below are the remaining requirements for students in the A.A.S. programs listed to the left, that wish to pursue the Technology Management Program at UNI. All course in the major are listed, with the exception of Liberal Arts core (LAC) and university elective requirements.

Courses highlighted in red denotes coursework that would be accepted into the Technology Management program pending verification of an official community college transcript.

Math/Science Coursework		Cr.
STAT 1772	Introduction to Statistical Methods Course also counts towards LAC category 1C.	3
CHEM 1010 or CHEM 1020 or CHEM 1110	Principles of Chemistry or Chemical Technology or General Chemistry I Courses also count toward LAC category 4B.	3-4
PHYSICS 1000 or PHYSICS 1400 or PHYSICS 1511	Physics in Everyday Life or Conceptual Physics or General Physics I Courses also count toward LAC category 4B.	3-4
Total		10-11

Technology Management Coursework		Cr.
TECH 3065	Technology & Organizational Efficiency	3
TECH 3131	Technical Project Management	3
TECH 3142	Statistical Quality Control	3
TECH 3143	Managing Ops. & Manufacturing Systems	3
TECH 3180	Lean & Sustainable Operations	3
TECH 4187	Applied Industrial Supervision & Management	3
Total		18

Technical Electives		Cr.
	Technical Electives	36
Total		36

Any Liberal Arts core (LAC) courses, including the mathematics/science core listed above, will be reviewed by the Office of Admissions and, if approved, can be transferred in addition to the technical courses listed above.

Note: The Technology Management B.A. program at UNI can be completed on campus, or at a distance via eLearning or hybrid courses.