

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.) in Construction Management program at the University of Northern Iowa will be satisfied:

| UNI Course | Course Title | Cr. |
|---------------------------|---|-----------|
| PHYSICS 1511 | General Physics I <i>Please see Option A below. Also satisfies UNIFI category SR.</i> | 4 |
| TECH CM 1000 | Intro to Construction Processes | 3 |
| TECH CM 1100 | Construction Documents | 3 |
| TECH CM 3050 | Construction Estimating | 3 |
| ACCT 2120 | Prin. of Financial Accounting | 3 |
| ECON 1031 | Intro to Economics <i>Please see Option B below. Also satisfies UNIFI category QR.</i> | 3 |
| | Additional electives transferring | 31 |
| Grand Credit Total | | 50 |

Option A

Students **must complete** one of the following courses at SCC in order to successfully transfer the requirement for PHYSICS 1511 – General Physics I at UNI.

| SCC Course | 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 at UNI.

| SCC Course | 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 | 50 |
| Other credits transferring to UNI | 6 |
| Total credits towards UNI degree | 56 |
| Total credits needed at UNI | 70 |

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 Foundational Inquiry (UNIFI) unless otherwise noted. For more information about UNIFI, please see the reverse of this document.

Required by A.A.S. degree plan

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

| SCC Course | Course Title | UNIFI |
|------------------------------|---|----------|
| HIS 151 or HIS 152 | U.S. History to 1877 or U.S. History Since 1877 | HD |
| PSY 102 | Human & Work Relations | HD |
| Credit Total | | 6 |

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

Recommended as part of A.A.S. degree plan

Students should choose **one** course, unless otherwise noted, from each of the groups below to fulfill an A.A.S. elective requirement.

| SCC Course | Course Title | UNIFI |
|---------------------|-----------------|----------|
| SPC 112 | Public Speaking | OC |
| Credit Total | | 3 |

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

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Remaining UNI Coursework

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

| Math/Science Coursework | | Cr. |
|--------------------------------|---|-----------|
| CHEM 1020 | Chemical Technology <i>Also satisfies UNIFI category SR</i> | 4 |
| MATH 1150 | Calculus for Technology | 4 |
| PHYSICS 1544 | General Physics I <i>Also satisfies UNIFI category SR</i> | 4 |
| STAT 1772 | Intro to Statistical Methods <i>Also satisfies UNIFI category QR</i> | 3 |
| Total Credits Remaining | | 11 |

| Construction Sciences | | Cr. |
|--------------------------------|--|-----------|
| TECH CM 1000 | Intro 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 Const. | 3 |
| TECH 2080 | Statics & Strengths of Materials | 3 |
| TECH CM 3000 | Civil Construction | 3 |
| TECH CM 3050 | Construction Estimating | 3 |
| TECH CM 3100 | Elec. Const. Mat. & Methods | 3 |
| TECH CM 3150 | Constr. Planning & Scheduling | 3 |
| TECH CM 3250 | Computerized Project Mgmt. | 3 |
| TECH CM 4050 | Construction Management | 3 |
| TECH CM 4200 | Structural Comp. in Const. | 3 |
| TECH CM 4300 | Const. Tech. & Innovation | 3 |
| TECH CM 4400 | Const. Mgmt. Senior Project | 3 |
| Total Credits Remaining | | 39 |

| Math/Science Coursework | | Cr. |
|--------------------------------|--|----------|
| ACCT 2120 | Princ. of Financial Accounting | 3 |
| ECON 1031 | Intro to Economics <i>Also satisfies UNIFI category QR</i> | 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) | | 3 |
| HE - Human Expression | | 3 |
| RE - Responsibility | | 3 |
| UNIFI certificate or UNIFI electives | | 2 |
| Total UNIFI Credits Remaining | | 14 |

Credits needed to earn UNI degree 70

Remaining UNI Plan of Study

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

| Semester 1 | Cr. | |
|--------------|-----|-----------|
| CHEM 1020 | 4 | |
| TECH CM 1050 | 3 | |
| TECH CM 2000 | 3 | |
| TECH CM 2050 | 3 | |
| UNIFI | 2 | |
| Total | | 15 |

| Semester 2 | Cr. | |
|--------------|-----|-----------|
| MATH 1150 | 4 | |
| TECH CM 2100 | 3 | |
| TECH 2080 | 3 | |
| UNIFI | 3 | |
| Total | | 13 |

| Semester 3 | Cr. | |
|--------------|-----|-----------|
| STAT 1772 | 3 | |
| TECH CM 3000 | 3 | |
| TECH CM 3100 | 3 | |
| ENGLISH 3772 | 3 | |
| UNIFI | 3 | |
| Total | | 15 |

| Semester 4 | Cr. | |
|--------------|-----|-----------|
| TECH CM 3150 | 3 | |
| TECH CM 3250 | 3 | |
| TECH CM 4300 | 3 | |
| TECH CM 4400 | 3 | |
| Total | | 12 |

| Semester 5 | Cr. | |
|--------------|-----|-----------|
| TECH CM 4050 | 3 | |
| TECH CM 4200 | 3 | |
| MGMT 3100 | 3 | |
| UNIFI | 6 | |
| Total | | 15 |

Other Important Information

- This transfer guide is based off of the 2022-2023 academic catalogs at UNI & Southeastern Community College.
- 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.