

Hawkeye Community College

Associate of Applied Science (A.A.S.) – Civil & Construction Engineering Technology

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 Hawkeye should **expect to complete 58 credits at UNI**. Assuming that the student is starting at UNI during the fall semester, it will take roughly four semesters (two years, a fall/spring/fall/spring sequence), with no summer coursework, to graduate.

Transfer Credit Summary		Credits
A.A.S. credits transferring directly into UNI program		41
Other credits transferring to UNI (Gen eds or electives)		21
Total credits transferring towards UNI degree		62
Total credits needed at UNI		58 (120 total)

2. Which A.A.S. courses transfer directly into the CM major?

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

- MATH 1150 – Calculus for Technology (4 cred.)
 - Students must complete **MAT 741** – Technical Math I & **MAT 748** – Technical Math II at Hawkeye.
- PHYSICS 1511 – General Physics I (4 cred.)
 - Students must complete **PHY 162** – College Physics I **or** **PHY 183** – Applied Physics at Hawkeye.
- TECH CM 1000 – Fundamentals of Construction Management Materials & Methods (3 cred.)
- TECH CM 1016 – Computer-Aided Design & Drafting (2 cred.)
- TECH CM 1050 – Construction Safety (3 cred.)
- TECH CM 1100 – Construction Documents (3 cred.)
- TECH CM 2000 – Land, Route & Construction Surveying (3 cred.)
- ENGR 2080 – Statics (2 cred.)
- ENGR 2180 – Strengths of Materials (2 cred.)
- TECH CM 2400 – Construction Materials (3 cred.)
- TECH CM 3000 – Heavy Construction Operations & Equipment (3 cred.)
- TECH CM 3050 – Construction Estimating (3 cred.)
- TECH CM 3300 – Pre-Construction Management (3 cred.)
- TECH CM 4200 – Structural Components in Construction (3 cred.)

3. Which A.A.S. courses transfer directly to UNI as “gen eds” or electives?

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

- **PSY 102** – Human & Work Relations **or** **PSY 111** – Introduction to Psychology **or** **SOC 110** – Introduction to Sociology (3 cred.)
- **SPC 101** – Fundamentals of Oral Communications (3 cred.)
- Additional university electives transferring (15 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		7

Technical Core		Cr.
ENGR 1000	Intro. to Eng. & Prof. Practices	3
TECH CM 1000	Fund. Of CM Materials & Methods	3
TECH CM 1015	Introduction to Sustainability	3
TECH CM 1016	Computer Aided Design & Drafting	2
TECH CM 1050	Construction Safety	3
TECH CM 1100	Construction Documents	3
PHIL 1560	Science, Technology & Ethics	3
TECH CM 2000	Land, Route & Constr. Surveying	3
TECH CM 2050	Construction Law	3
ENGR 2080	Statics	2
ENGR 2180	Strengths of Materials	2
TECH CM 2200	Construction Project Management	3
TECH CM 2300	Building Services	3
TECH CM 2400	Construction Materials	3
TECH CM 3000	Heavy Constr. Operations & Equip.	3
TECH CM 3050	Construction Estimating	3
TECH CM 3150	Project Planning, Sched. & Control	3
TECH CM 3300	Pre-Construction Management	3
TECH CM 4200	Structural Comp. in Construction	3
TECH CM 4350	Const. Company Ops. & Mgmt.	3
ENGR 4500	Senior Design	3
Total Credits Remaining		27

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
Total Credits Remaining		9

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		3
Total UNIFI Credits Remaining		15

Credits needed to earn UNI degree 58

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 2050	3
ECON 1031	3
Total	16

Fall 2	Cr.
ACCT 2120	3
UNIFI course	3
UNIFI course	3
UNIFI course	3
Total	12

Spring 1	Cr.
STAT 1772	3
TECH CM 1015	3
TECH CM 2200	3
TECH CM 2300	3
ENGLISH 3772	3
Total	15

Spring 2	Cr.
TECH CM 3150	3
TECH CM 4300	3
ENGR 4500	3
UNIFI course	3
UNIFI course	3
Total	15

Other Important Information

- This transfer guide is based off the 2025-2026 academic catalogs at UNI & Hawkeye Community College.
- Courses listed in the Remaining UNI Plan of Study (section 5) are subject to change at any time. This plan assumes transfer students start in the fall semester.
- 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 university's mission. For more information, visit unifi.uni.edu.