

## Kirkwood Community College

### Associate of Applied Science (A.A.S.) – Construction 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 Kirkwood should **expect to complete 64 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 one summer course, to graduate.

Transfer Credit Summary	Credits
A.A.S. credits transferring directly into UNI program	23
Other credits transferring to UNI (Gen eds or electives)	33
Total credits transferring towards UNI degree	56
<b>Total credits needed at UNI</b>	<b>64</b> (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:

- TECH CM 1000 – Fundamentals of Construction Management Materials & Methods (3 cred.)
- TECH CM 1016 – Computer Aided Design & Drafting (2 cred.)
- TECH CM 1100 – Construction Documents (3 cred.)
- TECH CM 2050 – Construction Law (3 cred.)
- TECH CM 2300 – Building Services (3 cred.)
- TECH CM 3050 – Construction Estimating (3 cred.)
- TECH CM 3150 – Construction Project Planning, Scheduling & Control (3 cred.)
- TECH CM 3300 – Pre-Construction Management (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 Kirkwood as part of this A.A.S. curriculum:

- Communications course (3 cred.)
  - Students should complete **ENG 105** – Composition I & **ENG 106** – Composition II at Kirkwood.
- Humanities or History/Culture course (3 cred.)
  - Students should complete one of the following courses at Kirkwood:
    - **HIS 151** – U.S. History to 1877
    - **HIS 152** – U.S. History since 1877
- Math course (3 cred.)
  - Students should complete **MAT 157** – Statistics at Kirkwood.
- Social Science course (3 cred.)
  - Students should complete **ECN 120** – Principles of Macroeconomics **or** **ECN 130** – Principles of Microeconomics at Kirkwood.
- Additional university electives transferring (21 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
<del>STAT 1772</del>	<del>Intro to Statistical Methods</del>	<del>3</del>
<b>Total Credits Remaining</b>		<b>12</b>

Technical Core		Cr.
ENGR 1000	Intro. to Eng. & Prof. Practices	3
<del>TECH CM 1000</del>	<del>Fund. Of CM Materials &amp; Methods</del>	<del>3</del>
TECH CM 1015	Introduction to Sustainability	3
<del>TECH CM 1016</del>	<del>Computer Aided Design &amp; Drafting</del>	<del>2</del>
TECH CM 1050	Construction Safety	3
<del>TECH CM 1100</del>	<del>Construction Documents</del>	<del>3</del>
PHIL 1560	Science, Technology & Ethics	3
TECH CM 2000	Land, Route & Constr. Surveying	3
<del>TECH CM 2050</del>	<del>Construction Law</del>	<del>3</del>
ENGR 2080	Statics	2
ENGR 2180	Strengths of Materials	2
TECH CM 2200	Construction Project Management	3
<del>TECH CM 2300</del>	<del>Building Services</del>	<del>3</del>
TECH CM 2400	Construction Materials	3
TECH CM 3000	Heavy Constr. Operations & Equip.	3
<del>TECH CM 3050</del>	<del>Construction Estimating</del>	<del>3</del>
<del>TECH CM 3150</del>	<del>Project Planning, Sched. &amp; Control</del>	<del>3</del>
<del>TECH CM 3300</del>	<del>Pre-Construction Management</del>	<del>3</del>
TECH CM 4200	Structural Comp. in Construction	3
TECH CM 4350	Const. Company Ops. & Mgmt.	3
ENGR 4500	Senior Design	3
<b>Total Credits Remaining</b>		<b>34</b>

Math/Science Coursework		Cr.
ACCT 2120	Princ. of Financial Accounting	3
<del>ECON 1034</del>	<del>Intro to Economics</del>	<del>3</del>
ENGLISH 3772	Tech. Writing for Eng. Tech.	3
<b>Total Credits Remaining</b>		<b>9</b>

UNI Foundational Inquiry (UNIFI)		Cr.
<del>WR - Written Communication</del>		<del>3</del>
OC - Oral Communication		3
<del>QR - Quantitative Reasoning</del>		<del>3</del>
<del>HD - Human Condition (Domestic)</del>		<del>3</del>
HG - Human Condition (Global)		3
<del>SR - Scientific Reasoning (with Lab)</del>		<del>4</del>
HE - Human Expression		3
<del>RE - Responsibility</del>		<del>3</del>
<del>UNIFI certificate or UNIFI electives</del>		<del>0</del>
<b>Total UNIFI Credits Remaining</b>		<b>9</b>

<b>Credits needed to earn UNI degree</b>	<b>64</b>
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#### 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.
PHYSICS 1511	4
ENGR 1000	3
TECH CM 1050	3
TECH CM 2000	3
ACCT 2120	3
<b>Total</b>	<b>16</b>

Spring 1	Cr.
CHEM 1020	4
MATH 1150	4
PHIL 1560	3
ENGR 2080	2
TECH CM 2200	3
<b>Total</b>	<b>16</b>

Summer 1	Cr.
UNIFI course	3
<b>Total</b>	<b>3</b>

Fall 2	Cr.
ENGR 2180	2
TECH CM 2400	3
TECH CM 3000	3
TECH CM 4200	3
ENGLISH 3772	3
<b>Total</b>	<b>14</b>

Spring 2	Cr.
TECH CM 1015	3
TECH CM 4350	3
ENGR 4500	3
UNIFI course	3
UNIFI course	3
<b>Total</b>	<b>15</b>

#### Other Important Information

- This transfer guide is based off the 2025-2026 academic catalogs at UNI & Kirkwood 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](http://unifi.uni.edu).