

## 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 take 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	41
Other credits transferring to UNI	15
Total credits transferring towards UNI degree	56
<b>Total credits needed at UNI</b>	<b>64</b> (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:

- 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 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.)
- 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 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.
- ENV 115 – Environmental Science (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
<b>Total Credits Remaining</b>		<b>12</b>

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
<b>Total Credits Remaining</b>		<b>34</b>

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
<b>Total Credits Remaining</b>		<b>9</b>

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		0
<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 1050	3
TECH CM 2000	3
ACCT 2120	3
<b>Total</b>	<b>16</b>

Spring 1	Cr.
MATH 1150	4
PHIL 1560	3
TECH CM 2200	3
ENGLISH 3772	3
UNIFI course	3
<b>Total</b>	<b>16</b>

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

Fall 2	Cr.
CHEM 1020	4
ENGR 2080	2
TECH CM 3000	3
TECH CM 4200	3
MGMT 3100	3
<b>Total</b>	<b>15</b>

Spring 2	Cr.
TECH 1015	3
ENGR 2180	2
TECH CM 4350	3
ENGR 4500	3
UNIFI course	3
<b>Total</b>	<b>14</b>

**Other Important Information**

- This transfer guide is based off of the 2023-2024 academic catalogs at UNI & Kirkwood 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](http://unifi.uni.edu).