

## **Kirkwood Community College**

### **Associate of Applied Science (A.A.S.) – Architectural 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 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.

<b>Transfer Credit Summary</b>	<b>Credits</b>
A.A.S. credits transferring directly into UNI program	44
Other credits transferring to UNI	12
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 – Fundamentals of Construction Management Materials & Methods (3 cred.)
- TECH 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.)
- Additional university electives transferring (21 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.



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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		12

Construction Sciences		Cr.
ENGR 1000	Intro. to Eng. & Prof. Practices	3
TECH CM 1000	Fund. Of CM Materials & Methods	3
TECH 1015	Introduction to Sustainability	3
TECH 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 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 Const.	3
TECH CM 4350	Const. Company Ops. & Mgmt.	3
ENGR 4500	Senior Design	3
Total Credits Remaining		34

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
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		0
Total UNIFI Credits Remaining		9

Credits needed to earn UNI degree		64
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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
Total	16

Spring 1	Cr.
MATH 1150	4
PHIL 1560	3
ENGR 2080	2
TECH CM 2200	3
UNIFI course	3
Total	15

Summer 1	Cr.
UNIFI course	3
Total	3

Fall 2	Cr.
CHEM 1020	4
ENGR 2180	2
TECH CM 3000	3
TECH CM 4200	3
ENGLISH 3772	3
Total	15

Spring 2	Cr.
TECH 1015	3
TECH CM 4350	3
ENGR 4500	3
MGMT 3100	3
UNIFI course	3
Total	15

#### Other Important Information

- This transfer guide is based off of the 2024-2025 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).