

# ARCHITECTURE, ASSOCIATE IN APPLIED SCIENCE



College(s): HW, WR\*

Program Code: 0122

\*As of Spring 2021, this program is no longer accepting new students at Wright College.

The Associate in Applied Science degree in Architecture prepares students for employment as a draftsman or detailer with an architecture or design firm or as a contractor, material supplier or with a construction company. Completion of the degree also leads to the further study of architecture and related fields at several transfer destinations.

## Program Requirements

Code	Title	Hours
<b>General Education Coursework</b>		
ENGLISH 101	Composition	3
Mathematics/Physical Sciences/Life Sciences		3
Humanities <sup>1</sup>		3
Social and Behavioral Sciences		3
ARCHITC 104	History Of Architecture I	3
<b>Required Program Core</b>		
ARCHITC 105	History Of Architecture II	3
ARCHITC 110	Architectural Sketching	2
ARCHITC 121	Basic Design Studio	4
ARCHITC 122	Intermediate Design Studio	4
ARCHITC 123	Advanced Design Studio	4
ARCHITC 166	Architectural Design I	4
ARCHITC 170	Digital Lab I	3
ARCHITC 171	Digital Lab II	3

ARCHITC 172	Digital Lab III	3
ARCHITC 202	Construction I	4
ARCHITC 204	Construction II	4
ARCHITC 220	Portfolio Development	2
ARCHITC 266	Architectural Design II	4
Select a minimum of 5 credit hours of the following:		5

MATH 140 & MATH 141	College Algebra and Plane Trigonometry	
MATH 143	Pre Calculus	
MATH 204	Calculus For Business & Social Sciences	
MATH 207	Calculus & Analytic Geometry I	

## Program Electives

Select one of the following:		3
ARCHITC 230	Structural Fundamentals	
General Education Elective		

<b>Total Hours</b>		<b>67</b>
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<sup>1</sup> Course must have an IAI GECC code (<https://catalog.ccc.edu/iai-gecc/>) beginning with H or HF

## Pathway

This is an **example course sequence** for students interested in pursuing Architecture. It does not represent a contract, nor does it guarantee course availability. If this pathway is followed as outlined, you will earn a Basic Certificate in Architectural Digital Media, a Basic Certificate in Architecture and an Associate in Applied Science degree in Architecture. One course must satisfy the Human Diversity (HD) requirement.

## Semester-by-Semester Program Plan for Full-Time Students at Harold Washington College

All plans can be modified to fit the needs of part-time students by adding more semesters.

Semester 1		Hours
ARCHITC 121	Basic Design Studio	4
ARCHITC 170	Digital Lab I	3
ARCHITC 110	Architectural Sketching	2
ENGLISH 101	Composition <sup>1</sup>	3
MATH 140	College Algebra	4
<b>Hours</b>		<b>16</b>
<b>Semester 2</b>		
ARCHITC 122	Intermediate Design Studio	4
ARCHITC 171	Digital Lab II	3
ARCHITC 123	Advanced Design Studio	4
MATH 141	Plane Trigonometry	3
Social and Behavioral Sciences course <sup>1,2</sup>		3
<b>Hours</b>		<b>17</b>
<b>Semester 3</b>		
ARCHITC 104	History Of Architecture I <sup>1</sup>	3
ARCHITC 172	Digital Lab III	3
ARCHITC 202	Construction I	4
Mathematics/Physical Sciences/Life Sciences course <sup>1,2</sup>		3-5
ARCHITC 166	Architectural Design I	4
<b>Hours</b>		<b>17-19</b>
<b>Semester 4</b>		
ARCHITC 105	History Of Architecture II	3
ARCHITC 220	Portfolio Development	2
ARCHITC 204	Construction II	4
ARCHITC 266	Architectural Design II	4
Fine Arts & Humanities courses <sup>1,2</sup>		3
Select one of the following: <sup>3</sup>		3
ARCHITC 230	Structural Fundamentals	
General Education course <sup>2</sup>		
<b>Hours</b>		<b>19</b>
<b>Total Hours</b>		<b>69-71</b>

- <sup>1</sup> General Education Requirement
- <sup>2</sup> Confer with intended transfer destination
- <sup>3</sup> Program Elective

Choose your courses with your College Advisor.

## Semester-by-Semester Program Plan for Full-Time Students at Wright College

All plans can be modified to fit the needs of part-time students by adding more semesters.

Semester 1		Hours
ARCHITC 121	Basic Design Studio	4
ARCHITC 170	Digital Lab I	3
ARCHITC 110	Architectural Sketching	2
ENGLISH 101	Composition <sup>1</sup>	3
Social and Behavioral Sciences course <sup>1</sup>		3
<b>Hours</b>		<b>15</b>
<b>Semester 2</b>		
ARCHITC 122	Intermediate Design Studio	4
ARCHITC 166	Architectural Design I	4
ARCHITC 171	Digital Lab II	3

MATH 143	Pre Calculus	6
<b>Hours</b>		<b>17</b>
<b>Semester 3</b>		
ARCHITC 104	History Of Architecture I <sup>1</sup>	3
ARCHITC 123	Advanced Design Studio	4
ARCHITC 172	Digital Lab III	3
ARCHITC 202	Construction I	4
Mathematics/Physical Sciences/Life Sciences course <sup>1,2</sup>		3-5
<b>Hours</b>		<b>17-19</b>
<b>Semester 4</b>		
ARCHITC 105	History Of Architecture II	3
ARCHITC 220	Portfolio Development	2
ARCHITC 204	Construction II	4
ARCHITC 266	Architectural Design II	4
Fine Arts & Humanities courses <sup>1,2</sup>		3
Select one of the following: <sup>3</sup>		3
ARCHITC 230	Structural Fundamentals	
General Education course <sup>2</sup>		
<b>Hours</b>		<b>19</b>
<b>Total Hours</b>		<b>68-70</b>

- <sup>1</sup> General Education Requirement
- <sup>2</sup> Confer with intended transfer destination
- <sup>3</sup> Program Elective

Choose your courses with your College Advisor.

## Careers

This program can prepare students for the jobs listed below. Click on each one to learn more, including average earnings, annual job openings, and how much education people in that field have. For additional guidance and resources on career options, current City Colleges students and alumni can contact the Career Services Office (<https://www.ccc.edu/departments/Pages/Career-Services.aspx>).

## Architectural and Civil Drafters Job Description

Prepare detailed drawings of architectural and structural features of buildings or drawings and topographical relief maps used in civil engineering projects, such as highways, bridges, and public works. Use knowledge of building materials, engineering practices, and mathematics to complete drawings.

## Salary Based on Experience Level

Take a look at the average hourly/annual earnings for this career in Cook County

Lightcast earnings figures are based on OES data from the BLS and include base rate, cost of living allowances, guaranteed pay, hazardous-duty pay, incentive pay (including commissions and bonuses), on-call pay, and tips.

Annual Wages	
Entry-Level 10 <sup>th</sup> Percentile	\$39,964
Median 50 <sup>th</sup> Percentile	\$61,901
Senior-Level 90 <sup>th</sup> Percentile	\$96,153

### Hourly Wages

Entry-Level 10 <sup>th</sup> Percentile	\$19
Median 50 <sup>th</sup> Percentile	\$30
Senior-Level 90 <sup>th</sup> Percentile	\$46

### Annual Job Openings

155 annual openings in Cook County

### National Education Attainment

Here, you can see the level of education that people in this career complete.

Degree Program	% of Jobs
A high school diploma or less	0.41%
A certificate	0.91%
Some college	0.41%
An Associate degree	17.85%
A Bachelor's degree	54.59%
A Master's or Professional degree	25.84%
A Doctoral degree or more	0.00%

80.43% continue their education beyond an associate degree