

## Architectural Technology (BP/EP) Associate in Applied Science Degree

### Semester Sequence - Part-Time - 3-Year Plan

#### Offered at Brooklyn Park and Eden Prairie

#### First-Semester

ARCH1008	Architectural Residential Technology I	5
ARCH1101	Architectural Residential AutoCAD	5
ARCH1203	Residential Materials and Methods of Construction	3

#### Total Credits 13

#### Second Semester

ARCH1011	Architectural Residential Technology II	5
ARCH2370	Architectural Residential Revit	4
ARCH2466	Commercial Materials and Methods of Construction	2

#### Total Credits 11

#### Summer Semester

Choose 3 credits from MnTC Goal Area 1	3
Choose 3 credits from MnTC Goal Area 2	3

#### Total Credits 6

#### Third Semester

ARCH1206	Strength of Materials	3
ARCH1345	Building Systems	3
ARCH2121	Architectural Commercial Technology I	5

#### Total Credits 11

#### Fourth Semester

ARCH1340	Building Codes: Commercial	2
ARCH2141	Architectural Commercial Technology II	5
ARCH2850	Architectural Technology Advancements	2

#### Total Credits 9

#### Summer Semester

Choose 3 credits from MnTC Goal Area 3, 4, or 5	3
General Education Electives	3

#### Total Credits 6

## Fifth Semester

ARCH2936	Advanced Revit BIM Technology	4
ENGL1070	Technical Writing	3
ENGL1100	or Writing and Research	4
	Technical Studies Electives	2

## Total Credits 9

## Sixth Semester

ARCH2562	Capstone: Project Design and Management	5
	Technical Studies Electives	2

## Total Credits 7

## Technical Studies Electives

Recommended:

ARCH1505	LEED GA Preparation	2
ARCH1900	Specialized Lab	1 - 4
ARCH2301	Design with SketchUp	2
ARCH2640	Architectural History	3
ARCH2800	Civil Site Plan Development	2
ARCH2900	Internship	2 - 4
ARCH2920	Photoshop for Architecture	4
ARCH2955	Small Unmanned Aircraft Systems (sUAS) Airman Certification Preparation	2

## Choose a Total of: 4 Credits

## General Education Electives

A complete list of MnTC courses and Goal Areas that can be used to meet General Education requirements can be found at [www.hennepintech.edu](http://www.hennepintech.edu). The same course cannot satisfy more than one MnTC Goal Area requirement.

## Choose a Total of: 3 Credits

### MnTC Goal Area 1

A complete list of MnTC courses and Goal Areas that can be used to meet General Education requirements can be found at [www.hennepintech.edu](http://www.hennepintech.edu). The same course cannot satisfy more than one MnTC Goal Area requirement.

COMM1200	Intercultural Communication	3
COMM1250	Interpersonal Communication	3
COMM1260	Small Group Communication	3
COMM1280	Public Speaking	3
ENGL1070	Technical Writing	3
ENGL1100	Writing and Research	4
ENGL1250	Short Form Composition and Reporting	4
ENGL1300	Introduction to Creative Writing	3

## Choose a Total of: 3 Credits

### MnTC Goal Area 2

BIOL1000	Biology in Society	4
BIOL1100	Nutrition and Health	3
BIOL1300	Introduction to Forensic Science	3
BIOL1400	Human Biology	4
BIOL2005	General Biology I	4
BIOL2125	Anatomy and Physiology I	4
BIOL2225	Anatomy and Physiology II	4
BIOL2235	Microbiology	4

COMM1260	Small Group Communication	3
MATH1150	Applications of Quantitative Reasoning	3
PHIL1100	Critical Thinking for College Success	3
PHYS1005	Introductory Physics I	3
PHYS1010	Introductory Physics II	3
SOCI1100	Introduction to Sociology	3

### Choose a Total of: 3 Credits

#### MnTC Goal Area 3, 4, or 5

	MnTC Goal Area 3	
BIOL1000	Biology in Society	4
BIOL1300	Introduction to Forensic Science	3
BIOL1400	Human Biology	4
BIOL2005	General Biology I	4
BIOL2125	Anatomy and Physiology I	4
BIOL2225	Anatomy and Physiology II	4
BIOL2235	Microbiology	4
CHEM1000	Introduction to Chemistry	4
CHEM1100	General, Organic, and Biological Chemistry Foundations	4
PHYS1005	Introductory Physics I	3
PHYS2005	College Physics I	4
PHYS2010	College Physics II	4
	MnTC Goal Area 4	
MATH1150	Applications of Quantitative Reasoning	3
MATH1250	Introduction to Statistics	3
MATH1400	College Algebra	4
PHIL1000	Introduction to Logic	3
	MnTC Goal Area 5	
ECON1200	Principles of Microeconomics	3
ECON1300	Principles of Macroeconomics	3
ENGL1200	Introduction to Humanities	3
HIST1400	Contemporary World History	3
POLI1000	Introduction to American Government and Politics	3
PSYC1000	General Psychology	3
PSYC1200	Psychology Throughout the Lifespan	3
PSYC1300	Abnormal Psychology	3
SOCI1100	Introduction to Sociology	3
SOCI1200	Marriage and Family	3
SOCI1400	Race in America	3
SOCI1500	Introduction to Criminal Justice	3
SOCI1600	Food and Society	3

### Choose a Total of: 3 Credits

#### Graduation (72 Credits)

Semester listings reflect the recommended sequence. Due to circumstances beyond our control, the information herein is subject to change without notice.

1/1/2024 : BP 3004 / EP 3005