

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

Semester Sequence - Part-Time - 4-Year Plan

Offered at Brooklyn Park and Eden Prairie

First-Semester

ARCH1008	Architectural Residential Technology I	5
ARCH1101	Architectural Residential AutoCAD	5

Total Credits 10

Second Semester

ARCH1011	Architectural Residential Technology II	5
ARCH2370	Architectural Residential Revit	4

Total Credits 9

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

ARCH1203	Residential Materials and Methods of Construction	3
ARCH1345	Building Systems	3

Total Credits 6

Fourth Semester

ARCH1340	Building Codes: Commercial	2
ARCH2466	Commercial Materials and Methods of Construction	2

Total Credits 4

Summer Semester

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

Total Credits 6

Fifth Semester

ARCH1206	Strength of Materials	3
ARCH2121	Architectural Commercial Technology I	5

Total Credits 8

Sixth Semester

ARCH2141	Architectural Commercial Technology II	5
ARCH2850	Architectural Technology Advancements	2

Total Credits 7

Summer Semester

ENGL1070	Technical Writing	3
	or	
ENGL1100	Writing and Research	4

Total Credits 3

Seventh Semester

ARCH2936	Advanced Revit BIM Technology	4
	Technical Studies Electives	2

Total Credits 6

Eighth 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)	2
	Airman Certification Preparation	

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. 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. 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