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Construction Technology - AAS

Semester-by-Semester Pathway

An Associates of Applied Science Degree emphasizes preparation in the applied arts and sciences for careers, typically at the technical or semi-professional level. This degree totals 61 credits. Consult with an advisor for more information. Not all courses are offered each semester.

(T) are Systemwide Transfer Courses

(★) are recommended for this degree pathway.

Semester 1 - Fall				
Complete	Course ID	Course Title	Credit Hours	Notes
Required Courses				
	BT108	Roof & Framing	3.00	
	BT109	Floors, Walls and Ceiling Framing	4.00	
	BT120	Introductory Craft Skills	2.00	Summer 2026, Fall 2026, Spring 2027
	BT121	Construction Safety	1.00	Fall 2026, Spring 2027
	TR120	Work Ethics	2.00	Summer 2026, Fall 2026, Spring 2027
Electives				
	General Education Options		4.00	
Semester Total:			16.00	

Semester 2 - Spring				
Complete	Course ID	Course Title	Credit Hours	Notes
Required Courses				
	BT112	Hard Surface Installation	2.00	
	BT131	Construction Basics	2.00	Summer 2026, Fall 2026, Spring 2027
	BT134	Windows, Doors and Stairs	3.00	
Electives				
	Drafting Options for Construction DR100/DR212		3.00	
	General Education Options		4.00	
Semester Total:			14.00	

Semester 3 - Fall				
Complete	Course ID	Course Title	Credit Hours	Notes
Required Courses				
	BT103	Foundation Forming and Erecting	3.00	Fall 2026
	BT105	Electrical and Mechanical Systems	2.00	Fall 2026
	BT106	Drywall Installation, Insulation and Ventilation	2.00	Fall 2026
Electives				

	English Options for Construction EN107/BU109/EN108/EN100/EN101	3.00	
	Math Option for Construction TR100/MA106/MA117	3.00	
Semester Total:		13.00	

Semester 4 - Spring				
Complete	Course ID	Course Title	Credit Hours	Notes
Required Courses				
	BT102	Concrete Flatwork and Finishing	3.00	Fall 2026, Spring 2027
	BT104	Cabinet Construction and Installation	4.00	Spring 2027
	BT107	Exterior Finish	2.00	Fall 2026
	BT110	Interior Finish and Trim Installation	3.00	Spring 2027 Prereq: Departmental Consent.
Electives				
	PS100 General Psychology OR PS101 Human Relations		3.00	
	Technical Options		3.00	
Semester Total:			18.00	

Total Credits: 61.00

*Semester offerings reflect the current academic year.

Drafting Options for Construction DR100/DR212

Course ID	Course Title	Credit Hours	Notes
DR100	Computer Aided Drafting I	3.00	Summer 2026, Fall 2026, Spring 2027
DR212	Architectural Drafting I	3.00	Fall 2026, Spring 2027

English Options for Construction EN107/BU109/EN108/EN100/EN101

Course ID	Course Title	Credit Hours	Notes
BU109	Business Communications ▶	3.00	Summer 2026, Fall 2026, Spring 2027
EN101	English Composition IA ▶	3.00	Summer 2026, Fall 2026, Spring 2027 Prereq: HS GPA over 3.0, or Accu NG Writing Score 255+ & Accu NG Reading Score 255+, and ACT Reading Score of 18 or above, or ACT English Score of 18 or above.
EN107	Business English Grammar & Composition	3.00	Fall 2026, Spring 2027
★ EN108	Career and Technical Writing	3.00	Fall 2026, Spring 2027

General Education Options

Course ID	Course Title	Credit Hours	Notes
AR101	Art Appreciation ▶	3.00	Summer 2026, Fall 2026, Spring 2027
AR104	Art History: Paleolithic to Medieval ▶	3.00	Fall 2026
AR105	Art History: Renaissance to Modern ▶	3.00	Spring 2027
AR106	Art in the Elementary Classroom ▶	3.00	Fall 2026, Spring 2027
AR110	Drawing I ▶	3.00	Fall 2026
BI100	Basic Concepts for Allied Health Studies	1.00	Summer 2026, Fall 2026, Spring 2027
BI101	General Biology ▶	4.00	Summer 2026, Fall 2026, Spring 2027
BI102	Ecology of Environmental Problems ▶	3.00	Spring 2027
BI103	Human Anatomy and Physiology ▶	6.00	Summer 2026, Fall 2026, Spring 2027 Prereq: BI100 or BI101 or BI104 or BI105 or BI112 w/Grade of C.
BI104	Biology I ▶	5.00	Fall 2026, Spring 2027
BI105	Biology II ▶	5.00	Spring 2027 Prereq: BI101 General Biology, or Departmental Consent, or BI104 Biology I.
BI112	General Microbiology ▶	4.00	Summer 2026, Fall 2026, Spring 2027 Prereq: (BI101, BI103, BI104, BI105) BI107 is not a valid prereq code.
BI115	Basic Radiation Biology	2.00	Spring 2027 Prereq: BI103 Human A&P.
BU105	Introduction to Business ▶	3.00	Summer 2026, Fall 2026, Spring 2027
BU107	Personal Finance ▶	3.00	Summer 2026, Fall 2026, Spring 2027
BU108	Business Mathematics	3.00	Summer 2026, Fall 2026, Spring 2027
BU109	Business Communications ▶	3.00	Summer 2026, Fall 2026, Spring 2027
BU118	Introduction to Leadership ▶	3.00	Fall 2026, Spring 2027
CH101	General Chemistry ▶	5.00	Summer 2026, Fall 2026, Spring 2027 Prereq: MA106 College Algebra, or MA117 Contemporary Math, or MA108 Elements of Statistics.
CH105	Chemistry I ▶	5.00	Fall 2026, Spring 2027 Prereq: ACT Math Score of 21 or higher, or MA105 or higher math, or Accuplacer NextGen QuantReason, Alg, Stats Score 263 or Above, or Accuplacer Math Score of 81+.
CH106	Chemistry II ▶	5.00	Spring 2027 Prereq: CH105 Chemistry I with a C or Higher.
CH108	Principles of Organic and Biochemistry ▶	5.00	Fall 2026

			Prereq: CH105 Chemistry I, or Departmental Consent.
CH201	Organic Chemistry I ▶	5.00	Fall 2026 Prereq: CH106 Chemistry II.
CH202	Organic Chemistry II ▶	5.00	Spring 2027 Prereq: CH201 Organic Chemistry I.
EC100	Macroeconomics ▶	3.00	Summer 2026, Fall 2026, Spring 2027
EC101	Microeconomics ▶	3.00	Summer 2026, Fall 2026, Spring 2027
ED105	Success Seminar/College Orientation	1.00	Summer 2026, Fall 2026, Spring 2027
ED201	Introduction to Education ▶	3.00	Fall 2026, Spring 2027 Prereq: a GPA of 2.5 or higher, and PS100 General Psychology.
ED201L	Introduction to Education Practicum ▶	1.00	Fall 2026, Spring 2027 Prereq: a GPA of 2.5 or higher, and PS100 General Psychology.
EN101	English Composition IA ▶	3.00	Summer 2026, Fall 2026, Spring 2027 Prereq: HS GPA over 3.0, or Accu NG Writing Score 255+ & Accu NG Reading Score 255+, and ACT Reading Score of 18 or above, or ACT English Score of 18 or above.
EN102	English Composition II ▶	3.00	Summer 2026, Fall 2026, Spring 2027 Prereq: EN101 English Composition IA with a grade of C or higher, or EN101H English Comp IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher.
EN107	Business English Grammar & Composition	3.00	Fall 2026, Spring 2027
EN108	Career and Technical Writing	3.00	Fall 2026, Spring 2027
EN120	Children's Literature ▶	3.00	Fall 2026, Spring 2027
EN121	World Mythology	3.00	Spring 2027 Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher.
EN128	Introduction to Creative Writing ▶	3.00	Fall 2026, Spring 2027
EN201	Introduction to Literature ▶	3.00	Summer 2026, Fall 2026 Prereq: EN100 English Comp IB with a grade of C or higher, or EN101 English Composition IA with a grade of C or higher.
EN202	British Literature I	3.00	Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher.
EN203	British Literature II	3.00	Spring 2027 Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher.
EN204	American Literature I ▶	3.00	Fall 2026 Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher.
EN205	American Literature II ▶	3.00	Spring 2027 Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher.
EN207	Introduction to Shakespeare	3.00	Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher.
EN214	Introduction to Cultural Studies: Fairy Tales	3.00	Fall 2026, Spring 2027 Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher.
FR101	Elementary French I ▶	5.00	Spring 2027
GE101	World Geography ▶	3.00	Summer 2026, Fall 2026, Spring 2027
GO100	American Government ▶	3.00	Summer 2026, Fall 2026, Spring 2027
GO101	State and Local Government ▶	3.00	
GO102	International Relations ▶	3.00	Spring 2027
GO110	Introduction to Political Science ▶	3.00	Fall 2026
GO110H	Honors Introduction to Political Science ▶	3.00	Fall 2026
HI101	American History 1492-1865 ▶	3.00	Summer 2026, Fall 2026, Spring 2027
HI102	American History 1865-Present ▶	3.00	Summer 2026, Fall 2026, Spring 2027
HI103	World History to 1600 ▶	3.00	Summer 2026, Fall 2026, Spring 2027
HI104	World History Since 1600 ▶	3.00	Summer 2026, Fall 2026, Spring 2027
HI122	Film History of World War II	3.00	
HI201	Topics in History	3.00	Spring 2027
IS103	Microcomputer Literacy	2.00	Summer 2026

IS104	Microcomputer Applications ▶	3.00	Summer 2026, Fall 2026, Spring 2027
JL101	Introduction to Mass Communications ▶	3.00	Summer 2026, Fall 2026, Spring 2027
LE101	Introduction to Criminal Justice ▶	3.00	Fall 2026, Spring 2027
MA106	College Algebra ▶	3.00	Summer 2026, Fall 2026, Spring 2027 Prereq: HS GPA over 3.25, or Accuplacer NextGen QuantReason, Alg,Stats Score 263 or Above, or ACT Math Score of 22 or Higher.
MA107	Plane Trigonometry ▶	3.00	Summer 2026, Fall 2026, Spring 2027 Prereq: MA106 College Algebra with a grade of C or higher, or ACT Math Score of 23 to 36.
MA108	Elements of Statistics ▶	3.00	Summer 2026, Fall 2026, Spring 2027 Prereq: HS GPA over 3.0, or Accuplacer NG QuantReason, Alg, Stats Score 255 or Above, or ACT Math Score of 19 or Higher.
MA110	Calculus ▶	3.00	Summer 2026, Fall 2026, Spring 2027 Prereq: MA106 College Algebra with a grade of C or higher, or ACT Math Score of 23 to 36, or MA109 Pre-Calculus Math with a grade of C or higher.
MA111	Analytical Geometry and Calculus I ▶	5.00	Summer 2026, Fall 2026, Spring 2027 Prereq: MA107 Plane Trigonometry with a grade of C or higher, or ACT Math Score of 25 to 36, or MA109 Pre-Calculus Math with a grade of C or higher.
MA113	Analytical Geometry and Calculus II ▶	5.00	Summer 2026, Fall 2026, Spring 2027 Prereq: MA111 with a grade of C or higher.
MA117	Contemporary Math ▶	3.00	Summer 2026, Fall 2026, Spring 2027 Prereq: HS GPA over 3.0, or Accuplacer NG QuantReason, Alg, Stats Score 255 or Above, or ACT Math Score of 19 or Higher.
MA201	Analytical Geometry and Calculus III	5.00	Summer 2026, Fall 2026 Prereq: MA113 with a grade of C or higher.
MA206	Differential Equations ▶	3.00	Spring 2027 Prereq: MA113 with a grade of C or higher.
MU101	Music Appreciation ▶	3.00	Summer 2026, Fall 2026, Spring 2027
MU106	Music Theory I ▶	3.00	Fall 2026
MU107	Music Theory II ▶	3.00	Spring 2027 Prereq: MU106 Music Theory I.
MU127	Introduction To Jazz/Jazz Rock	3.00	Fall 2026, Spring 2027
MU206	Music Theory III	3.00	Fall 2026 Prereq: MU107 Music Theory II.
MU207	Music Theory IV	3.00	Spring 2027 Prereq: MU206 Music Theory III.
PE105	Personal and Community Health ▶	3.00	Summer 2026, Fall 2026, Spring 2027
PE122	Rhythms I	2.00	Fall 2026
PE123	Rhythms II	2.00	Spring 2027
PE126	Conditioning & Fitness Concepts I	1.00	Summer 2026, Fall 2026, Spring 2027
PE127	Conditioning & Fitness Concepts II	1.00	Summer 2026, Fall 2026, Spring 2027 Prereq: PE126 Conditioning & Fitness Concepts I.
PE173	Fitness for Life	1.00	Summer 2026, Fall 2026, Spring 2027
PL101	Introduction to Philosophy ▶	3.00	Summer 2026, Fall 2026, Spring 2027
PL103	Logic and Critical Thinking ▶	3.00	Fall 2026, Spring 2027
PL104	Ethics ▶	3.00	Summer 2026, Fall 2026, Spring 2027
PL105	Death and Dying	3.00	Summer 2026, Fall 2026, Spring 2027
PS100	General Psychology ▶	3.00	Summer 2026, Fall 2026, Spring 2027
PS101	Human Relations	3.00	Summer 2026, Fall 2026, Spring 2027
PS102	Human Growth and Development ▶	3.00	Summer 2026, Fall 2026, Spring 2027 Prereq: PS100 General Psychology.
PS201	Psychology of Personality	3.00	Fall 2026, Spring 2027 Prereq: PS100 General Psychology with grade of C or higher.
PS202	Abnormal Psychology	3.00	Summer 2026, Fall 2026, Spring 2027 Prereq: PS100 General Psychology.
PY102	Weather and Climate	3.00	Spring 2027
PY103	Physical Geology ▶	3.00	Summer 2026, Fall 2026, Spring 2027

PY104L	Physical Geology Lab 📄	1.00	Summer 2026, Fall 2026, Spring 2027 Prereq: PY103 Physical Geology.
PY110	Physical Science 📄	5.00	Fall 2026, Spring 2027
PY112	General Physics I 📄	5.00	Fall 2026 Prereq: MA106 College Algebra or higher math.
PY113	General Physics II 📄	5.00	Spring 2027 Prereq: PY112 Gen Physics I.
PY201	Engineering Physics I 📄	5.00	Fall 2026 Prereq: MA111 Analytical Geometry & Calculus I, or MA112H Honors Analytical Geometry & Calculus.
PY202	Engineering Physics II 📄	5.00	Spring 2027 Prereq: PY201 Eng Phys I with grade of C or better.
RE101	New Testament Literature 📄	3.00	Fall 2026, Spring 2027
RE102	Old Testament Literature 📄	3.00	Fall 2026
RE106	Introduction to World Religions 📄	3.00	Spring 2027
SH101	Public Speaking 📄	3.00	Summer 2026, Fall 2026, Spring 2027
SH103	Oral Interpretation	3.00	
SH122	Voice and Diction 📄	3.00	Spring 2027
SH210	Interpersonal Communication 📄	3.00	Summer 2026, Fall 2026, Spring 2027
SO100	Fundamentals of Sociology 📄	3.00	Summer 2026, Fall 2026, Spring 2027
SO101	Marriage and Family 📄	3.00	Summer 2026, Fall 2026, Spring 2027
SO103	Stress Management	1.00	Summer 2026, Fall 2026, Spring 2027
SO104	Assertiveness Training	2.00	Summer 2026, Fall 2026, Spring 2027
SO111	Cultural Anthropology 📄	3.00	Summer 2026, Fall 2026, Spring 2027
SO113	Cultural Diversity 📄	3.00	Fall 2026, Spring 2027
SO122	Introduction to Social Work 📄	3.00	Fall 2026, Spring 2027
SO201	Social Problems 📄	3.00	Spring 2027 Prereq: SO100 Fundamentals of Sociology.
SP100	Workplace Spanish	2.00	
SP101	Elementary Spanish I 📄	5.00	Summer 2026, Fall 2026, Spring 2027
SP102	Elementary Spanish II 📄	5.00	Fall 2026, Spring 2027 Prereq: SP101 Elementary Spanish I.
TH115	Theatre Appreciation 📄	3.00	Fall 2026, Spring 2027
TH116	Acting I 📄	3.00	Fall 2026
TH118	Stagecraft 📄	3.00	Fall 2026
TH119	Stage Makeup	3.00	Fall 2026
TH121	Acting II 📄	3.00	Fall 2026 Prereq: TH116 Acting I with a grade of C or better.
TH122	Voice and Diction 📄	3.00	Spring 2027
TH123	Theatre Practicum I 📄	1.00	Fall 2026, Spring 2027
TR100	Technical Math	3.00	Fall 2026, Spring 2027
TR120	Work Ethics	2.00	Summer 2026, Fall 2026, Spring 2027

Math Option for Construction TR100/MA106/MA117

Course ID	Course Title	Credit Hours	Notes
MA106	College Algebra 📄	3.00	Summer 2026, Fall 2026, Spring 2027 Prereq: HS GPA over 3.25, or Accuplacer NextGen QuantReason, Alg,Stats Score 263 or Above, or ACT Math Score of 22 or Higher.
MA117	Contemporary Math 📄	3.00	Summer 2026, Fall 2026, Spring 2027 Prereq: HS GPA over 3.0, or Accuplacer NG QuantReason, Alg, Stats Score 255 or Above, or ACT Math Score of 19 or Higher.
★ TR100	Technical Math	3.00	Fall 2026, Spring 2027

PS100 General Psychology OR PS101 Human Relations

Course ID	Course Title	Credit Hours	Notes
PS100	General Psychology ▶	3.00	Summer 2026, Fall 2026, Spring 2027
PS101	Human Relations	3.00	Summer 2026, Fall 2026, Spring 2027

Technical Options

Course ID	Course Title	Credit Hours	Notes
BT102	Concrete Flatwork and Finishing	3.00	Fall 2026, Spring 2027
BT103	Foundation Forming and Erecting	3.00	Fall 2026
BT104	Cabinet Construction and Installation	4.00	Spring 2027
BT105	Electrical and Mechanical Systems	2.00	Fall 2026
BT106	Drywall Installation, Insulation and Ventilation	2.00	Fall 2026
BT107	Exterior Finish	2.00	Fall 2026
BT108	Roof & Framing	3.00	
BT109	Floors, Walls and Ceiling Framing	4.00	
BT110	Interior Finish and Trim Installation	3.00	Spring 2027 Prereq: Departmental Consent.
BT112	Hard Surface Installation	2.00	
BT120	Introductory Craft Skills	2.00	Summer 2026, Fall 2026, Spring 2027
BT121	Construction Safety	1.00	Fall 2026, Spring 2027
BT125	Electrical I	4.00	Spring 2027
BT126	Plumbing I	5.00	Fall 2026
BT131	Construction Basics	2.00	Summer 2026, Fall 2026, Spring 2027
BT134	Windows, Doors and Stairs	3.00	
BU100	Small Business Accounting	3.00	Summer 2026, Fall 2026, Spring 2027
BU101	Accounting I ▶	3.00	Summer 2026, Fall 2026, Spring 2027
BU101H	Honors Accounting I ▶	3.00	
BU102	Accounting II ▶	3.00	Summer 2026, Fall 2026, Spring 2027 Prereq: BU101 Accounting I with a grade of C or better, or BU101H Honors Accounting I with a Grade of C or Higher, or BA101 Accounting I with a grade of C or better.
BU102H	Honors Accounting II ▶	3.00	Prereq: BU101 Accounting I with a grade of C or better, or BU101H Honors Accounting I with a Grade of C or Higher, or BA101 Accounting I with a grade of C or better.
BU105	Introduction to Business ▶	3.00	Summer 2026, Fall 2026, Spring 2027
BU106	Calculating Machines	1.00	Fall 2026, Spring 2027
BU107	Personal Finance ▶	3.00	Summer 2026, Fall 2026, Spring 2027
BU108	Business Mathematics	3.00	Summer 2026, Fall 2026, Spring 2027
BU109	Business Communications ▶	3.00	Summer 2026, Fall 2026, Spring 2027
BU110	Records Management	2.00	Fall 2026, Spring 2027
BU111	Quickbooks	3.00	Fall 2026, Spring 2027 Prereq: BU100 Small Business Accounting, or BU101 Accounting I.
BU118	Introduction to Leadership ▶	3.00	Fall 2026, Spring 2027
BU120	Job Search/Retention	1.00	Summer 2026, Fall 2026, Spring 2027
BU121	Customer Service/Professional Image	3.00	Summer 2026, Fall 2026, Spring 2027
BU122	Presentation Software	1.00	
BU126	Introduction to Keyboarding	1.00	
BU127	Beginning Keyboarding	3.00	

BU128	Business Document Preparation	3.00	Fall 2026, Spring 2027
BU129	Production Keyboarding	3.00	
BU141	Sales Management	3.00	Summer 2026, Fall 2026, Spring 2027
BU142	Retailing	3.00	Fall 2026
BU145	Advertising	3.00	Summer 2026, Fall 2026, Spring 2027
BU147	Internship I	2.00	Summer 2026, Fall 2026, Spring 2027
BU148	Internship II	2.00	Summer 2026, Fall 2026, Spring 2027
BU149	Internship III	2.00	Summer 2026, Fall 2026, Spring 2027
BU151	Introduction to Entrepreneurship	1.00	Fall 2026, Spring 2027
BU152	Marketing Applications for Entrepreneurs	1.00	Fall 2026, Spring 2027
BU153	Financial Management for Entrepreneurs	1.00	Fall 2026, Spring 2027
BU154	Business Management for Entrepreneurs	1.00	Fall 2026, Spring 2027
BU156	Developing the Business Plan	1.00	Fall 2026, Spring 2027
BU201	Managerial Accounting ▶	3.00	Summer 2026, Fall 2026, Spring 2027 Prereq: BU102 with a C or higher or BA102 with a C or higher.
BU201H	Honors Managerial Accounting ▶	3.00	Prereq: BU102 with a C or higher or BA102 with a C or higher.
BU202	Marketing ▶	3.00	Fall 2026, Spring 2027
BU203	Management ▶	3.00	Summer 2026, Fall 2026, Spring 2027
BU204	Small Business Management	3.00	Summer 2026, Spring 2027 Prereq: BU100 Small Business Accounting, or Departmental Consent, or BU101 Accounting I.
BU205	Business Law I ▶	3.00	Fall 2026, Spring 2027
BU214	Word Processing: Microsoft Word for Windows	3.00	Fall 2026, Spring 2027
BU217	Spreadsheet Management	3.00	Fall 2026, Spring 2027
BU218	Database Management	3.00	Fall 2026, Spring 2027
BU224	Human Resources Basics	3.00	Fall 2026, Spring 2027
DR100	Computer Aided Drafting I	3.00	Summer 2026, Fall 2026, Spring 2027
DR101	Technical Drafting	3.00	Fall 2026, Spring 2027
DR102	Machine Drafting	5.00	Spring 2027 Prereq: DR100 Computer Aided Drafting I.
DR102L	Machine Drafting Lab	0.00	
DR107	Construction Drafting	3.00	Fall 2026, Spring 2027 Prereq: DR100 Computer Aided Drafting I.
DR119	Parametric Modeling I: Autodesk Inventor	3.00	Fall 2026, Spring 2027
DR211	Computer Aided Drafting II	3.00	Fall 2026 Prereq: DR100 Computer Aided Drafting I.
DR212	Architectural Drafting I	3.00	Fall 2026, Spring 2027
DR213	Architectural Drafting II	3.00	Fall 2026, Spring 2027 Prereq: DR212 Architectural Drafting I.
DR215	Civil Drafting	3.00	Spring 2027 Prereq: DR100 Computer Aided Drafting I.
DR216	Computer Drafting Internship	3.00	Summer 2026, Fall 2026, Spring 2027 Prereq: DR119 Parametric Modeling I: Autodesk Inventor, or Departmental Consent, and DR212 Architectural Drafting I.
DR219	Parametric Modeling II: Autodesk Inventor	3.00	Fall 2026, Spring 2027 Prereq: DR119 Parametric Modeling I: Autodesk Inventor.
DR220	Computer Drafting Capstone	3.00	Fall 2026, Spring 2027 Prereq: DR119 Parametric Modeling I: Autodesk Inventor, or Departmental Consent, and DR212 Architectural Drafting I.
IS103	Microcomputer Literacy	2.00	Summer 2026
IS104	Microcomputer Applications ▶	3.00	Summer 2026, Fall 2026, Spring 2027
IS105	Advanced Microcomputer Applications	3.00	Fall 2026 Prereq: IS104 Microcomputer Applications.

IS108	Word Processing I	1.00	
IS109	Word Processing II	1.00	Prereq: IS108 Word Processing I.
IS110	Spreadsheets I	1.00	
IS111	Spreadsheets II	1.00	Prereq: IS110 Spreadsheets I with a grade of C or better.
IS113	Desktop Publishing	3.00	Spring 2027
IS116	Spreadsheets III	1.00	Prereq: IS111 Spreadsheets II.
IS120	Vector Graphics	3.00	Fall 2026
IS135	Essentials of Web Interaction	2.00	Summer 2026, Fall 2026, Spring 2027
IS137	Website Ethics and Security	3.00	Fall 2026, Spring 2027
IS148	CompTIA A+ Core 1	3.00	Fall 2026, Spring 2027
IS149	CompTIA A+ Core 2	3.00	Fall 2026, Spring 2027 Prereq: IS148 CompTIA A+ Core 1 with grade of C or better.
IS182	Cisco CCNA I/Networking I	3.00	Summer 2026, Fall 2026, Spring 2027
IS183	Cisco CCNA II	3.00	Spring 2027 Prereq: IS182 Cisco CCNA I/Networking I.
IS184	Cisco CCNA III	3.00	Spring 2027 Prereq: IS183 Cisco CCNA II.
IS201	Database I	1.00	
IS202	Database II	1.00	Prereq: IS201 Database I with a grade of C or better.
IS210	Computer Internship I	3.00	Summer 2026, Fall 2026, Spring 2027 Prereq: Departmental Consent, and a GPA of 2.5 or higher, and IS149 CompTIA A+ Core 2.
IS211	Computer Support Internship II	3.00	Summer 2026, Fall 2026, Spring 2027 Prereq: IS210 Computer Internship I.
IS215	Web Development Platform	3.00	Fall 2026, Spring 2027 Prereq: IS228 Data Base Structures, or Departmental Consent.
IS224	Networking II	3.00	Fall 2026, Spring 2027 Prereq: IS182 Cisco CCNA I/Networking I.
IS225	Website Coding	2.00	Fall 2026, Spring 2027 Prereq: IS135 Essentials of Web Interaction, or Departmental Consent.
IS228	Database Structures	3.00	Fall 2026, Spring 2027
IS235	Elements of Linux	3.00	Fall 2026, Spring 2027
IS237	Server Operating Systems and Virtualization	3.00	Fall 2026, Spring 2027 Prereq: IS235 Elements of Linux, or Departmental Consent, and IS182 Cisco CCNA I/Networking I.
IS240	Fundamentals of Network Security	3.00	Fall 2026, Spring 2027 Prereq: IS182 Cisco CCNA I/Networking I & IS224 Networking II, or Departmental Consent, and IS184 Cisco CNA III, or IS183 Cisco CCNA II.
IS250	Project Management	3.00	Spring 2027
IS255	Graphic Arts Technology Capstone	3.00	Prereq: AR135 or JP119 Advanced Digital Imagery, and IS120 Vector Graphics, and IS113 Desktop Publishing.
IS256	Web Development Special Projects	1.00	Spring 2027 Prereq: IS228 Data Base Structures.
IS264	JavaScript	3.00	Fall 2026, Spring 2027 Prereq: IS225 Website Coding.
ME106	Industrial Fluid Power	3.00	Fall 2026, Spring 2027
ME110	Fundamentals of Motor Controls	3.00	Fall 2026, Spring 2027 Prereq: AE100 AC/DC Circuits.
ME112	Heating System Fundamentals	3.00	Fall 2026, Spring 2027
ME114	Renewable Energy Technology	3.00	
ME115	HVAC Fundamentals	4.00	Fall 2026, Spring 2027
ME116	Commercial Refrigeration	4.00	Spring 2027
ME117	Commercial Heating and Air Conditioning	4.00	Spring 2027 Prereq: ME115 HVAC Fundamentals, or ME116 Commercial Refrigeration.
ME124	Renewable Energy Technology Maintenance	4.00	Prereq: ME114 Renewable Energy Technology, and AE155 Electrical Maintenance, and ME115 HVAC Fundamentals.

ME125	Engineering Technology Internship	3.00	
ME129	Mechanical Maintenance Skills	3.00	Fall 2026, Spring 2027
ME131	EPA 608	1.00	Fall 2026
ME132	HVAC Load Calculations	1.00	Fall 2026
ME133	HVAC Duct Sizing	1.00	Fall 2026
ME134	HVAC Code Requirements	1.00	Fall 2026
ME140	Low Pressure Boilers	3.00	Spring 2027
WE100	Basic Welding	3.00	Fall 2026, Spring 2027
WE101	Welding Safety	1.00	Fall 2026
WE102	Welding Blueprint Reading	3.00	Fall 2026, Spring 2027
WE104	Shielded Metal Arc Welding	3.00	Fall 2026, Spring 2027
WE105	Shielded Metal Arc Welding II	3.00	Fall 2026, Spring 2027 Prereq: WE104 SMAW w/Grade of C or Higher, or Departmental Consent.
WE106	Cutting Processes for Welding	2.00	Fall 2026
WE110	Gas Metal Arc Welding	3.00	Fall 2026, Spring 2027
WE111	Gas Metal Arc Welding II	3.00	Fall 2026, Spring 2027 Prereq: WE110 Gas Metal Arc Welding w/Grade of C or Higher.
WE112	Gas Tungsten Arc Welding	3.00	Fall 2026, Spring 2027
WE113	Gas Tungsten Arc Welding II	3.00	Spring 2027 Prereq: WE112 GTAW w/Grade of C or Higher.
WE209	Welding Fabrication Processes	4.00	Fall 2026 Prereq: Departmental Consent.