

www.hutchcc.edu/request-info

Applied Technologies

Degree 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 64 credits. Consult with an advisor for more information.

- (**▶**) are Systemwide Transfer Courses
- (\bigstar) are recommended for this degree pathway.

		Required C	ourses					
No required co	No required courses							
	Electives							
Course ID	Course Title	Credit Hours	Notes					
	General Education Options	15.00						
AR101	Art Appreciation т▶	3.00	Fall, Spring, Summer					
AR104	Art History: Paleolithic to Medieval ₮	3.00	Fall					
AR105	Art History: Renaissance to Modern ъ	3.00	Spring					
AR106	Art in the Elementary Classroom T ►	3.00	Fall, Spring					
AR110	Drawing I ₁▶	3.00	Fall					
BI100	Basic Concepts for Allied Health Studies	1.00	Fall, Spring, Summer					
BI101	General Biology Ţ▶	4.00	Fall, Spring, Summer					
BI102	Ecology of Environmental Problems ™	3.00	Spring					
BI103	Human Anatomy and Physiology T ▶	6.00	Fall, Spring, Summer Prereq: BI100 or BI101 or BI104 or BI105 or BI112 w/Grade of C.					
BI104	Biology I T▶	5.00	Fall, Spring Prereq: CH101 General Chemistry, or CH105 Chemistry I with a C or Higher.					
BI105	Biology II T▶	5.00	Spring Prereq: Bl101 General Biology, or Departmental Consent, or Bl104 Biology I.					
BI112	General Microbiology ™	4.00	Fall, Spring, Summer Prereq: (Bl101,Bl103,Bl104,Bl105)Bl107 is not a valid prereq code.					
BI115	Basic Radiation Biology	2.00	Spring Prereq: Bl103 Human A&P.					
BU105	Introduction to Business ™	3.00	Fall, Spring, Summer					
BU107	Personal Finance T	3.00	Fall, Spring, Summer					
BU108	Business Mathematics	3.00	Fall, Spring, Summer					
BU109	Business Communications T	3.00	Fall, Spring, Summer					
BU118	Introduction to Leadership T ▶	3.00	Fall, Spring					
CH101	General Chemistry ™	5.00	Fall, Spring, Summer Prereq: MA106 College Algebra, or MA117 Contemporary Math, or MA108 Elements of Statistics.					
CH105	Chemistry I T ►	5.00	Fall, Spring 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 ъ	5.00	Spring Prereq: CH105 Chemistry I with a C or Higher.					
CH108	Principles of Organic and Biochemistry T	5.00	Fall					

EN107 Business English Grammar & Composition 3.00 Fall EN108 Career and Technical Writing 3.00 Fall EN109 Children's Literature □ 3.00 Fall EN121 World Mythology 3.00 Spring EN122 Present EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher, or EN100				Prereq: CH105 Chemistry I, or Departmental Consent.
Presence (14-10) Organic Chemistry	CH201	Organic Chemistry I T ▶	5.00	
EC101 Microeconomics b Success Seminar/College Orientation 1.00 Fall, Spring, Summer 1.00 Fall, Spring 1.0	CH202	Organic Chemistry II ™	5.00	Spring Prereq: CH201 Organic Chemistry I.
ED105 Success Seminar/College Orientation 1.00 Fall, Spring, Summer	EC100	Macroeconomics T ▶	3.00	Fall, Spring, Summer
ED201 Introduction to Education 3.00 Fall, Spring, Precept a GPA of 2.5 or higher, and PS100 General Psychology. ED201L Introduction to Education Practicum 5.00 Fall, Spring, Summer Fall, Spring, Spring Fall, Spring, Spring Fall, Spring, Spring Fall, Spring Fal	EC101	Microeconomics T	3.00	Fall, Spring, Summer
Introduction to Education Practicum 1.00 Fall, Spring Summer Fall Spring Summer	ED105	Success Seminar/College Orientation	1.00	Fall, Spring, Summer
EN100 English Composition IB p English Composition IB p English Composition IA p English Composition II p English Comp	ED201	Introduction to Education T	3.00	
EN100 English Composition IB Th	ED201L	Introduction to Education Practicum ъ	1.00	Fall, Spring Prereq: a GPA of 2.5 or higher, and PS100 General Psychology.
EN101 English Composition IA ▶ Solo Peregi: HS GPA over 3.0, or Accu NG Writing Score 25% a Accu NG Redish Score 25% and ACT Reading Score 26% or ACT Reading Score 26% and	EN100	English Composition IB T	3.00	Fall, Spring, Summer Prereq: EN098 Intro to College Writing with a grade of C or higher, or Accuplacer Next Generation Writing Score of 240 to 254, or HS GPA over 2.25, or ACT English Score of 17 to 19.
Entlo English Composition II Business English Grammar & Composition Entlo Business English Grammar & Composition 3.00 Fall, Spring Entlo Career and Technical Writing 3.00 Fall, Spring Entlo Children's Literature World Mythology 3.00 Fall, Spring Entlo Entlo Entlo World Mythology 3.00 Fall, Spring Entlo Entl	EN101	English Composition IA T	3.00	Prereg: HS GPA over 3.0, or Accu NG Writing Score 255+ & Accu NG
EN108 Career and Technical Writing 3.00 Fall, Spring EN120 Children's Literature 3.00 Fall, Spring EN121 World Mythology 3.00 Fall, Spring EN121 Introduction to Creative Writing 3.00 Fall, Spring EN221 Introduction to Creative Writing 3.00 Fall, Spring EN222 British Literature 3.00 Fall, Spring EN223 British Literature 3.00 Fall, Spring EN224 British Literature 3.00 Fall Spring EN225 British Literature 3.00 Fall Spring EN226 British Literature 3.00 Fall Spring EN227 British Literature 3.00 Fall Spring EN228 British Literature 3.00 Fall Spring EN229 British Literature 3.00 Fall Spring EN229 British Literature 3.00 Fall Spring Spring Spring Spring Spring Spring EN229 American Literature 3.00 Fall Spring	EN102	English Composition II T	3.00	Fall, Spring, Summer 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.
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EN201 Introduction to Literature 3.00 Fall, Summer Prereg: EN100 English Comp B with a grade of C or higher, or EN101 English Composition A with a grade of C or higher, or EN100 English Comp B with a grade of C or higher, or EN100 English Comp B with a grade of C or higher, or EN100 English Comp B with a grade of C or higher, or EN100 English Comp B with a grade of C or higher, or EN100 English Comp B with a grade of C or higher, or EN100 English Comp B with a grade of C or higher, or EN100 English Comp B with a grade of C or higher, or EN100 English Comp B with a grade of C or higher, or EN100 English Comp B with a grade of C or higher, or EN100 English Comp B with a grade of C or higher, or EN100 English Comp B with a grade of C or higher, or EN100 English Comp B with a grade of C or higher, or EN100 English Comp B with a grade of C or higher, or EN100 English Comp B with a grade of C or higher, or EN100 English Comp B with a grade of C or higher, or EN100 English Comp B with a grade of C or higher, or EN100 English Comp B with a grade of C or higher, or EN100 English Comp B with a grade of C or higher, or EN100 English Comp B with a grade of C or higher, or EN100 English Comp B with a grade of C or higher, or EN100 English Comp B with a grade of C or higher, or EN100 English Comp B with a grade of C or higher, or EN100 English Comp B with a grade of C or higher, or EN100 English Comp B with a grade of C or higher, or EN100 English Comp B with a grade of C or higher, or EN100 English Comp B with a grade of C or higher, or EN100 English Comp B with a grade of C or higher, or EN100 English Comp B with a grade of C or higher, or EN100 English Comp B with a grade of C or higher. GE101 World Geography 3.00 Fall, Spring, Summer GO102 International Relations 3.00 Fall	EN128	Introduction to Creative Writing	3.00	
EN202 British Literature I 3.00 Fall Prereg: EN101 English Composition IA with a grade of C or higher, or EN203 British Literature II 3.00 Spring Prereg: EN101 English Composition IA with a grade of C or higher, or EN204 American Literature I I II 3.00 Prereg: EN101 English Composition IA with a grade of C or higher, or EN204 American Literature II II 3.00 Prereg: EN101 English Composition IA with a grade of C or higher, or EN205 American Literature II II 3.00 Prereg: EN101 English Composition IA with a grade of C or higher, or EN206 English Comp IB with a grade of C or higher, or EN207 Introduction to Shakespeare 3.00 Prereg: EN101 English Composition IA with a grade of C or higher, or EN208 English Composition IA with a grade of C or higher, or EN209 English Composition IA with a grade of C or higher, or EN209 English Composition IA with a grade of C or higher, or EN209 English Composition IA with a grade of C or higher, or EN209 English Composition IA with a grade of C or higher, or EN209 English Composition IA with a grade of C or higher, or EN209 English Comp IB with a grade of C or higher, or EN209 English Composition IA with a grade of C or higher, or EN209 English Composition IA with a grade of C or higher, or EN209 English Composition IA with a grade of C or higher, or EN209 English Composition IA with a grade of C or higher, or EN209 English Composition IA with a grade of C or higher, or EN209 English Composition IA with a grade of C or higher, or EN209 English Composition IA with a grade of C or higher, or EN209 English Composition IA with a grade of C or higher. 4.00 Prereg: EN101 English Composition IA with a grade of C or higher. 5.00 Fall, Spring, Summer 5.00 Fall, Spring, Summer 5.00 Fall Spring, Summer 5.00 Fall Spring, Summer 6.01 International Relations II 6.01 International Relations II 6.01 International Relations II 6.01 Fall Spring, Summer 6.01	EN201			Fall, Summer Prereg: EN100 English Comp IB with a grade of C or higher, or EN101
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EN214 Introduction to Cultural Studies: Fairy Tales 3.00 Fall, Spring Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher.	EN205	American Literature II ъ	3.00	Prereg: EN101 English Composition IA with a grade of C or higher, or
EN214 Introduction to Cultural Studies: Fairy Tales 3.00 Fall, Spring Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB 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.
GO100 American Government 3.00 Fall, Spring, Summer GO101 State and Local Government 3.00 Spring GO102 International Relations 3.00 Spring GO110 Introduction to Political Science 3.00 Fall GO110H Honors Introduction to Political Science 3.00 Fall HI101 American History 1492-1865 3.00 Fall, Spring, Summer HI102 American History 1865-Present 3.00 Fall, Spring, Summer HI103 World History to 1600 3.00 Fall, Spring, Summer HI104 World History Since 1600 3.00 Fall, Spring, Summer	EN214	Introduction to Cultural Studies: Fairy Tales	3.00	Fall, Spring Prereq: EN101 English Composition IA with a grade of C or higher, or
GO100 American Government → 3.00 Fall, Spring, Summer GO101 State and Local Government → 3.00 GO102 International Relations → 3.00 Spring GO110 Introduction to Political Science → 3.00 Fall GO110H Honors Introduction to Political Science → 3.00 Fall H1101 American History 1492-1865 → 3.00 Fall, Spring, Summer H1102 American History 1865-Present → 3.00 Fall, Spring, Summer H1103 World History to 1600 → 3.00 Fall, Spring, Summer H1104 World History Since 1600 → 3.00 Fall, Spring, Summer	GE101	World Geography T ►	3.00	
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HI102 American History 1865-Present → 3.00 Fall, Spring, Summer HI103 World History to 1600 → 3.00 Fall, Spring, Summer HI104 World History Since 1600 → 3.00 Fall, Spring, Summer	HI101	· ·		
HI103 World History to 1600 ႃ→ 3.00 Fall, Spring, Summer HI104 World History Since 1600 ႃ→ 3.00 Fall, Spring, Summer		,		
HI104 World History Since 1600 → 3.00 Fall, Spring, Summer		, .		
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	HI122	Film History of World War II		

HI201	Topics in History	3.00	
IS103	Microcomputer Literacy		Fall, Spring, Summer
IS104	Microcomputer Applications ™		Fall, Spring, Summer
JL101	Introduction to Mass Communications T		Fall, Spring, Summer
LE101	Introduction to Criminal Justice		Fall, Spring
MA106	College Algebra T		Fall, Spring, Summer 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 ™		Fall, Spring, Summer Prereq: MA106 College Algebra with a grade of C or higher, or ACT Math Score of 23 to 36.
MA108	Elements of Statistics Ţ▶	3.00	Fall, Spring, Summer 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 ™		Fall, Spring, Summer 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 T ►	5.00	Fall, Spring, Summer 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 T	5.00	Fall, Spring, Summer Prereq: MA111 with a grade of C or higher.
MA117	Contemporary Math T	3.00	Fall, Spring, Summer
MA201	Analytical Geometry and Calculus III	5.00	Fall, Summer Prereq: MA113 with a grade of C or higher.
MA206	Differential Equations Ţ▶	3.00	Fall, Spring Prereq: MA113 with a grade of C or higher.
MU101	Music Appreciation T ►	3.00	Fall, Spring, Summer
MU106	Music Theory I T ▶	3.00	Fall
MU107	Music Theory II T	3.00	Spring Prereq: MU106 Music Theory I.
MU127	Introduction To Jazz/Jazz Rock	3.00	Fall, Spring
MU206	Music Theory III	3.00	Fall Prereq: MU107 Music Theory II.
MU207	Music Theory IV	3.00	Spring Prereq: MU206 Music Theory III.
PE105	Personal and Community Health T	3.00	Fall, Spring, Summer
PE122	Rhythms I	2.00	Fall
PE123	Rhythms II	2.00	Spring
PE126	Conditioning and Fitness Concepts I	1.00	Fall, Spring, Summer
PE127	Conditioning and Fitness Concepts II	1.00	Fall, Spring, Summer Prereq: PE126 Conditioning & Fitness Concepts I.
PE173	Fitness for Life	1.00	Fall, Spring, Summer
PL101	Introduction to Philosophy T ▶	3.00	Fall, Spring, Summer
PL103	Logic and Critical Thinking Ţ▶	3.00	Fall, Spring
PL104	Ethics ™	3.00	Fall, Spring, Summer
PL105	Death and Dying	3.00	Fall, Spring, Summer
PS100	General Psychology ™	3.00	Fall, Spring, Summer
PS101	Human Relations	3.00	Fall, Spring, Summer
PS102	Human Growth and Development ™	3.00	Fall, Spring, Summer Prereq: PS100 General Psychology.
PS201	Psychology of Personality	3.00	Fall, Spring Prereq: PS100 General Psychology with grade of C or higher.
PS202	Abnormal Psychology	3.00	Fall, Spring, Summer Prereq: PS100 General Psychology.
PY102	Weather and Climate	3.00	Spring

			T. C.
PY103	Physical Geology T ▶	3.00	Fall, Spring, Summer
PY104L	Physical Geology Lab T ▶	1.00	Fall, Spring, Summer
PY110	Physical Science T•	5.00	Fall, Spring
PY112	General Physics I ७	5.00	Fall Prereq: MA106 College Algebra or higher math.
PY113	General Physics II ™	5.00	Spring Prereq: PY112 Gen Physics I.
PY201	Engineering Physics I Ţ▶	5.00	Fall Prereq: MA111 Analytical Geometry & Calculus I, or MA112H Honors Analytical Geometry & Calculus.
PY202	Engineering Physics II ™	5.00	Spring Prereq: PY201 Eng Phys I with grade of C or better.
RE101	New Testament Literature T ►	3.00	Spring
RE102	Old Testament Literature ъ	3.00	Fall
RE106	Introduction to World Religions Ţ▶	3.00	Spring
SH101	Public Speaking ™	3.00	Fall, Spring, Summer
SH103	Oral Interpretation	3.00	Spring
SH122	Voice and Diction T▶	3.00	Fall
SH210	Interpersonal Communication T	3.00	Fall, Spring, Summer
SO100	Fundamentals of Sociology ⊤	3.00	Fall, Spring, Summer
SO101	Marriage and Family T ▶	3.00	Fall, Spring, Summer
SO103	Stress Management	1.00	Fall, Spring, Summer
SO104	Assertiveness Training	2.00	Fall, Spring, Summer
SO111	Cultural Anthropology T ▶	3.00	Fall, Spring, Summer
SO113	Cultural Diversity ™	3.00	Fall, Spring
SO122	Introduction to Social Work ™	3.00	Fall
SO201	Social Problems T	3.00	Spring, Summer Prereq: SO100 Fundamentals of Sociology.
SP100	Workplace Spanish	2.00	
SP101	Elementary Spanish I T	5.00	Fall, Spring, Summer
SP102	Elementary Spanish II ъ	5.00	Fall, Spring Prereq: SP101 Elementary Spanish I, or Departmental Consent, or SP104 Spanish II.
TH115	Theatre Appreciation ⊤		Fall, Spring, Summer
TH116	Acting I T▶	3.00	Fall
TH118	Stagecraft ™	3.00	Fall
TH119	Stage Makeup	3.00	
TH121	Acting II T	3.00	Fall Prereq: TH116 Acting I with a grade of C or better.
TH122	Voice and Diction T ▶	3.00	Fall
TH123	Theatre Practicum I ™	1.00	Fall, Spring
TR100	Technical Math	3.00	Fall, Spring
TR120	Work Ethics	2.00	Fall, Spring, Summer
Option I: Select Two Certificate A's from the Specific List of Options		17.00	
Option II: Select one Certificate B from the Specific List of Options		17.00	
dditional Credits Required		15.00	

Total Credits: 64.00

Program Notes:

Students completing this degree must complete either two Certificate A options (Audio Technology, Auto Collision, Auto Technology, Computer Support Specialist, Construction Technology, Fire Science, Graphic Arts Technology, Industrial Mechanical Maintenance, Machine Technology, Media & Film Production, Networking, or Welding Technology) or one Certificate B option (Ag Diesel, Auto Collision, Auto Technology, Business Adm Technologies-Accounting or Office Support, Business Mgmt + Entrepreneurship-Sales or Supervision, Construction Technology, Industrial Electrical Technology, Machine Technology, Networking-Emphasis in Security, or Welding Technology) and a minimum of 15 hours of General Education courses. Additional hours of Technical Concentrator Electives will be required to make up the 64 hours. If the Certificate B option is selected these hours must be from a different technical area (different course prefix).