

# CREDENTIALS OFFERED

## Associate in Applied Science

The Associate in Applied Science (AAS) degrees are occupational programs that are structured for students primarily interested in acquiring Career Technical Education (CTE) skills in order to enter the job market. However, a number of four-year institutions offer baccalaureate degrees designed to accommodate AAS degree graduates. Students planning to transfer to a four-year institution should meet with an advisor from the institution to which he/she plans to attend to discuss transferability of the AAS degree and individual courses.

Students seeking an AAS degree must select a program of study, (e.g., Child Development, Manufacturing Technology, Nursing) in order to determine the specific general education courses, the program core courses, and electives that are required to complete the program. An AAS degree is comprised of 50 to 75% of required technical core and specialty course work. Additionally, the AAS degree requires a minimum of 15 credit hours of general education. Students are required to take at least one course that fulfills the State of Illinois Human Diversity (HD) requirement for the Associate in Applied Science degree.

Code	Title	Hours
<b>Minimum General Education</b>		<b>15</b>
<b>Minimum Degree Core and Electives</b>		<b>45</b>
<b>Total Hours</b>		<b>60</b>

**Degree offered at:** DA, KK, MX, OH, TR, HW, WR

For individual AAS Degree requirements, see program pages under Academic Program Requirements ([https://catalog.ccc.edu/programs/#filter=filter\\_18&filter\\_31](https://catalog.ccc.edu/programs/#filter=filter_18&filter_31))

## Associate in Arts

The Associate in Arts (AA) degree prepares an individual for transfer to a four-year college or university. Consistent with the IAI model and the ICCB Administrative Rules, City Colleges of Chicago requires that the degree is inclusive of a minimum of 37 semester hours of General Education.

For students who want to earn an associate degree before transferring to a four-year institution, the Associate in Arts degree (AA) is the traditional choice for most students. The AA degree indicates a student has mastered the basics of higher education. This degree plan provides you with the IAI General Education Core Curriculum (GECC) courses explained above, and in addition, you will select elective classes (25 credit hours).

Students are required to take at least one course that fulfills the State of Illinois Human Diversity (HD) requirement for the Associate in Arts degree.

Code	Title	Hours
<b>General Education</b>		
ENGLISH 101	Composition	3
ENGLISH 102	Composition	3
SPEECH 101	Fundamentals of Speech Communication	3
Mathematics		3
Fine Arts & Humanities <sup>1</sup>		9

Social and Behavioral Sciences	9
Physical Sciences & Life Sciences <sup>2</sup>	7

### AA Electives

Students should work with a College Advisor to select appropriate core and elective courses or select an AA semester map as a guide.	23
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<b>Total Hours</b>	<b>60</b>
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<sup>1</sup> At least one (1) of the courses must be from the Fine Arts category, and at least one (1) must be from the Humanities category.

<sup>2</sup> At least one (1) of the courses must be from the Physical Sciences category, and at least one (1) must be from the Life Sciences category. At least one (1) lab course is required.

At least one course must meet the Human Diversity (HD) requirement.

**Degree offered at:** DA, KK, MX, OH, TR, HW, WR

## Associate in Engineering Science

The Associate in Engineering Science (AES) degree offers courses required for transfer to a four-year college or university for students majoring in engineering sciences. Completion of the AES degree does not fulfill the requirements of the IAI General Education Core Curriculum (IAI GECC). City Colleges of Chicago requires that the degree is inclusive of a minimum of 22 semester hours of General Education. A student must complete the general education requirements of the college or university to which she/he transfers.

Code	Title	Hours
<b>General Education Coursework</b>		
ENGLISH 101	Composition	3
ENGLISH 102	Composition	3
MATH 207	Calculus & Analytic Geometry I	5
CHEM 201	General Chemistry I	5
One Fine Arts & Humanities course <sup>1</sup>		3
One Social and Behavioral Sciences course <sup>1</sup>		3
<b>Required Degree Core</b>		
ENGR 190 or CIS 142	Computer Programming for Engineers C++ Object Oriented Programming I	3
MATH 208	Calculus & Analytic Geometry II	5
MATH 209	Calculus & Analytic Geometry III	5
MATH 210	Differential Equations	3
PHYSICS 235	Engineering Physics I: Mechanics & Wave Motion	5
PHYSICS 236	Engineering Physics II: Electricity & Magnetism	5
<b>Program Electives</b>		
Select a minimum of 16 credit hours of program electives (p. 2)		16
<b>Total Hours</b>		<b>64</b>

<sup>1</sup> One of the courses in the Humanities or Social and Behavioral Sciences category must satisfy the Human Diversity requirement.

## Program Electives

Code	Title	Hours
BIOLOGY 115	Human Biology	4
BIOLOGY 121	Biology I	5
CHEM 203	General Chemistry II	5
CHEM 205	Organic Chemistry I	6
CHEM 207	Organic Chemistry II	6
CIS 144	Java Object Oriented Programming I	3
CIS 242	C++ Object Oriented Programming II	3
CIS 244	Java Object Oriented Programming II	3
ENGR 111	Engineering Success Seminar	3
ENGR 131	Engineering Graphics & Intro to Design	3
ENGR 206	Elements of Mechanics-Statics	3
ENGR 215	Electrical Circuit Analysis	5
ENGR 225	Introduction to Thermodynamics	3
ENGR 250	Engineering Projects	2
MATH 146	Discrete Mathematics	4
MATH 212	Linear Algebra	3
PHYSICS 215	Statics	3
PHYSICS 216	Dynamics	3
PHYSICS 217	Mechanics Of Materials	3
PHYSICS 237	Engineering Physics III: Heat light and Modern Physics	5

<sup>1</sup> One of the courses in the Humanities or Social & Behavioral Sciences category must satisfy the Human Diversity requirement.

**Degree offered at:** DA, TR, HW, WR

## Associate in Fine Arts

CCC offers three Associate in Fine Arts programs. See their program pages for requirements:

- Art (Studio), Associate in Fine Arts (<https://catalog.ccc.edu/academic-program-requirements/art-studio-afa/>)
- Music Education, Associate in Fine Arts (<https://catalog.ccc.edu/academic-program-requirements/music-education-afa/>)
- Music Performance, Associate in Fine Arts (<https://catalog.ccc.edu/academic-program-requirements/music-performance-afa/>)

## Associate in General Studies

The Associate in General Studies (AGS) degree provides students the ability to explore a broad range of college-level courses to develop new skills or investigate a personal interest. Courses may transfer individually to a four-year university, but the degree as a whole is not designed for transfer or as an occupational degree. Students should work closely with an advisor to determine if the AGS is the right degree program to reach their individual goals. City Colleges of Chicago requires that the degree is inclusive of a minimum of 20 semester hours of General Education.

Code	Title	Hours
<b>General Education</b> <sup>1</sup>		
ENGLISH 101	Composition	3

Select 17 credit hours from at least three of the following disciplines: 17

Mathematics	
Fine Arts & Humanities	
Social and Behavioral Sciences	
Physical Sciences & Life Sciences	
<b>Degree Electives</b>	
Select 40 credit hours	40
<b>Total Hours</b>	<b>60</b>

<sup>1</sup> Students are required to take at least one general education course that fulfills the State of Illinois Human Diversity (HD) requirement for the Associate Degree.

**Degree offered at:** DA, KK, MX, OH, TR, HW, WR

## Associate in Science

The Associate in Science (AS) degree prepares an individual for transfer to a four-year college or university. Consistent with the IAI model and the ICCB Administrative Rules, City Colleges of Chicago requires that the degree is inclusive of a minimum of 37 semester hours of General Education. For students who already know they are interested in science, technology, engineering, or mathematics (the "STEM" fields), the Associate in Science degree, or even the Associate in Engineering Science (AES), is probably the one to pursue. This is also a transfer degree, and it is similar to the Associate in Arts. The main difference early-on concerns the selection of specific math and science courses, which will be different for students who want to major in a STEM field. Again, working closely with your advisor will ensure that you enroll in the right classes to achieve your goals.

Students are required to take at least one course that fulfills the State of Illinois Human Diversity (HD) requirement for the Associate in Science degree.

Code	Title	Hours
<b>General Education</b>		
ENGLISH 101	Composition	3
ENGLISH 102	Composition	3
SPEECH 101	Fundamentals of Speech Communication	3
Mathematics		6
Social and Behavioral Sciences		6
Fine Arts & Humanities	<sup>1</sup>	6
Physical Sciences & Life Sciences	<sup>2</sup>	10
<b>AS Electives</b>		
Students should work with a College Advisor to select appropriate core and elective courses, or simply select an AS semester map as a guide.		23
<b>Total Hours</b>		<b>60</b>

<sup>1</sup> At least one (1) of the courses must be from the Fine Arts category, and at least one (1) must be from the Humanities category.

<sup>2</sup> At least one (1) of the courses must be from the Physical Sciences category, and at least one (1) must be from the Life Sciences category. At least one (1) lab course is required.

At least one course must meet the Human Diversity (HD) requirement.

Degree offered at: DA, KK, MX, OH, TR, HW, WR

## Career Certificates

City Colleges of Chicago offers two types of career certificates designed to prepare students directly for careers in a shorter amount of time than a degree program. Many certificates stack into higher-level credentials for students to continue their education

### Basic Certificates

Basic Certificates (BCs) are less than 30 credit hours and can generally be completed in 1-2 semesters. For individual Basic Certificate requirements, see program pages under Academic Program Requirements ([https://catalog.ccc.edu/programs/#filter=filter\\_18&filter\\_17](https://catalog.ccc.edu/programs/#filter=filter_18&filter_17)).

### Advanced Certificates

Advanced Certificates (ACs) are between 30-50 credit hours and can generally be completed in 2-3 semesters. For individual Advanced Certificate requirements, see program pages under Academic Program Requirements ([https://catalog.ccc.edu/programs/#filter=filter\\_18&filter\\_30](https://catalog.ccc.edu/programs/#filter=filter_18&filter_30)).

## General Education Core Curriculum

The General Education Core Curriculum (GECC) Credential is a 37 credit hour transfer credential intended for students interested in completing a distribution of courses designed to satisfy the first two years of a baccalaureate degree at most four-year colleges or universities. The GECC Credential is aligned to the Associate in Arts degree and focuses on the general education requirements required for transfer. The GECC Credential is comprised of courses approved through the Illinois Articulation Initiative and must be completed according the general education categories below:

Code	Title	Hours
Communications		9
Math		3
FineArts & Hum		9
Social & Behavioral Sciences		9
Physical & Life Sciences		7
<b>Total Hours</b>		<b>37</b>

Code	Title	Hours
<b>General Education</b>		
ENGLISH 101	Composition	3
ENGLISH 102	Composition	3
SPEECH 101	Fundamentals of Speech Communication	3
Select one Math course for a minimum of three credit hours		3
MATH 118	General Education Math	
MATH 122	Math For Elementary Teachers II	
MATH 124	Critical Mathematics	
MATH 125	Introductory Statistics	
MATH 144	Finite Mathematics	
MATH 146	Discrete Mathematics	
MATH 204	Calculus For Business & Social Sciences	
MATH 207	Calculus & Analytic Geometry I	
MATH 208	Calculus & Analytic Geometry II	

MATH 209	Calculus & Analytic Geometry III	
Select three Fine Art & Hum courses for a minimum of nine credit hours <sup>1</sup>		9
AFRO AM 101	Introduction to African-American Studies	
ART 103	Art Appreciation	
ART 130	African-American Art	
CHINESE 104	Chinese IV	
CMMEDIA 163	Film Rhetoric	
RELIGN 101	Introduction To Religion	
RELIGN 102	The Bible - Hebrew Old Test	
RELIGN 103	The Bible - New Testament	
RELIGN 104	Islamic Scriptures: The Qur'an	
RELIGN 106	Comparative Religion I/Eastern Religion	
RELIGN 107	Com Rel II Western Religion	
FIN ART 104	The World Of The Cinema	
FIN ART 105	History of Painting, Sculpture & Architecture	
FIN ART 107	History of Architecture, Painting & Sculpture I	
FIN ART 108	Hist Of Arch Paint Sculp II	
FIN ART 109	History Of Cinema	
FIN ART 110	Opera And The Humanities	
FIN ART 111	History of Photography	
FIN ART 112	Dance Appreciation	
FIN ART 114	Film History I	
FIN ART 115	Film History II	
FRENCH 104	Fourth Course French	
FRENCH 213	Intro To Modern Literature French	
FRENCH 214	Readings In Literature French	
GWSS 202	Abolitionist Feminism through Liberative Expressive Arts and Research	
GWSS 203	Feminist and Queer Artivisms for Social Change	
HUM 123	Intro To Arts & Ideas	
HUM 143	Intro to Latin American/Latino Studies	
HUM 144	Gender and Feminisms in the Arts	
HUM 145	Intro to Diversity/Ethnic Studies	
HUM 146	Gay, Lesbian, Bisexual & Transgender	
HUM 201	General Course I Humanities	
HUM 202	General Course II Humanities	
HUM 203	Arts of Contemporary America	
HUM 205	World Literature I	
HUM 207	The Great Books	
HUM 208	Women In Creative-Performing Arts	
HUM 209	Latinxs in Chicago	
HUM 210	Comparative Mythology	
HUM 212	Non-Western Humanities	
HUM 215	The Art and Philosophy of the African Continent	
ITALIAN 104	Fourth Course Italian	
JAPANES 104	Fourth Course Japanese	
LIT 110	Introduction To Literature	
LIT 111	Poetry	
LIT 112	Drama	
LIT 113	Fiction	
LIT 114	Ideas In Prose	

LIT 115	Great Books Seminar/Topics Literature	ANTHRO 205	Applied Anthropology
LIT 116	American Literature from Colonial Days to Civil War	ANTHRO 206	Introduction to Archaeology
LIT 117	American Literature from the Civil War to the 20th Century	ECON 201	Principles Of Economics I
LIT 118	English Literature from its Beginnings to the Age of Johnson	ECON 202	Principles Of Economics II
LIT 119	English Literature from the Romantic Revival to the 20th Century	GEOG 101	World Geography
LIT 121	Contemporary African American Literature	GEOG 102	Economic Geography
LIT 122	Perspectives in Black Literature	GWSS 102	Introduction to Gender and Sexuality Diversity
LIT 123	Literature of the U.S. from the Civil War to the Present	GWSS 103	Introduction to Social Justice
LIT 126	Contemporary American Literature	HISTORY 111	History of American People To 1865
LIT 127	Contemporary British Literature	HISTORY 112	History of American People From 1865
LIT 128	Latin American Literature	HISTORY 114	The Afro-American In American History
LIT 129	U.S. Latino (a) Literature	HISTORY 141	History of World Civilization to 1500
LIT 130	Children's Literature	HISTORY 142	Hist World Civiliz Frm 1500
LIT 132	Native American Literature	HISTORY 215	History of Latin America
LIT 137	The Black Woman In Black Fiction	HISTORY 216	U.S. Latinx History
LIT 150	Women's Literature	HISTORY 225	Modern Middle East History
LIT 153	Gay and Lesbian Literature	HISTORY 243	The Far East in the Modern World
LIT 155	Literature and Film	HISTORY 247	African History to Colonial Period
LIT 156	Creative Non-fiction	HISTORY 248	African History - Modern Period
LIT 211	Shakespeare	POL SCI 200	Principles of Political Science
LIT 220	World Literature	POL SCI 201	The National Government
MUSIC 121	Introduction To Music	POL SCI 203	Comparative Government
MUSIC 124	Trends In Mod Amer Music	POL SCI 204	International Relations
MUSIC 183	World Music	POL SCI 207	U.S. State & Local Government
MUSIC 221	Music Literature & History	PSYCH 201	General Psychology
PHIL 105	Logic	PSYCH 207	Child Psychology
PHIL 106	Introduction To Philosophy	PSYCH 211	Social Psychology
PHIL 107	Ethics	PSYCH 214	Adolescent Psychology
PHIL 108	Philosophy Of Religion	PSYCH 222	Adult Development And Aging
PHIL 110	Social/Political Philosophy	PSYCH 224	Life Span Developmental Psychology
PHIL 201	Greek Philo To Renaissance	SOC SCI 101	General Course I Social Science
PHIL 202	Enlightenment To Present	SOC SCI 102	General Course II Social Science
PHIL 215	Problems In Philosophy	SOC 201	Intro To the Study Of Society
PHIL 216	Critical Thinking	SOC 203	Sociology of Families and Intimate Relationships
POLISH 104	Fourth Course Polish	SOC 205	Social Problems
SPANISH 104	Fourth Course Spanish	SOC 207	The Sociology Of Sex & Gender
SPANISH 111	Spanish For Hispanos	SOC 211	Race & Ethnic Relations
SPANISH 113	Spanish For Near Native Speakers I	SOC 241	Institutional Racism
SPANISH 210	Modern Civilization & Culture Spanish	Select two Physical & Life Science courses for a minimum of 7 credit hours <sup>3</sup>	
SPANISH 213	Intro To Modern Literature Spanish	ASTROMY 201	Descriptive Astronomy
SPANISH 214	Readings In Literature Spanish	ASTROMY 203	The Solar System
THR ART 131	Intro To Theater	BIOLOGY 109	Human Genetics & Evolution
THR ART 134	Theater Diversity in the U.S.	BIOLOGY 114	General Education Biology
Select three Social & Behavioral Science courses for a minimum of 9 credit hours <sup>2</sup>		BIOLOGY 115	Human Biology
ANTHRO 201	Intro to Biological and Cultural Evolutions of Humans	BIOLOGY 119	Environmental Biology
ANTHRO 202	Cultural Anthropology	BIOLOGY 121	Biology I
		BIOLOGY 122	Biology II
		BOTANY 201	General Botany I
		CHEM 121	Basic Chemistry I
		CHEM 201	General Chemistry I
		ENVR ST 101	Man & Environment I

ENVR TC 107	Environmental Geology
GEOG 201	Physical Geography
GEOLOGY 201	Physical Geology
OCEAN 101	Intro To Oceanography
PHY SCI 101	General Course Physical Science
PHY SCI 102	General Course Physical Science
PHY SCI 107	Current Public Issues in Physical Science
PHY SCI 111	General Course I Physical Science
PHY SCI 112	General Course II Physical Science
PHY SCI 118	Introduction to Meteorology
PHYSICS 115	Physics of Energy and Climate
PHYSICS 221	Mechanics, Waves, and Heat
PHYSICS 231	General Physics I: Mechanics & Wave Motion
PHYSICS 235	Engineering Physics I: Mechanics & Wave Motion

**Total Hours** **37**

<sup>1</sup> At least one (1) of the courses must be from the Fine Arts category, and at least one must be from the Humanities category

<sup>2</sup> At least two of the courses must be from different disciplines

<sup>3</sup> At least one of the courses must be a lab course, at least one of the courses must be a Life Science category course, and at least one of the courses must be a Physical Science category

**Program offered at:** DA, KK, MX, OH, TR, HW, WR