CREDIT PROGRAM REQUIREMENTS

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.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum General Education</td>
<td></td>
<td>15</td>
</tr>
<tr>
<td>Minimum Degree Core and Electives</td>
<td></td>
<td>45</td>
</tr>
<tr>
<td>Total Hours</td>
<td></td>
<td>60</td>
</tr>
</tbody>
</table>

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

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 (IAI GECC). City Colleges of Chicago requires that the degree is inclusive of a minimum of 22 semester hours of General Education. An advisor from the institution to which she/he transfers.

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.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGLISH 101</td>
<td>Composition</td>
<td>3</td>
</tr>
<tr>
<td>ENGLISH 102</td>
<td>Composition</td>
<td>3</td>
</tr>
<tr>
<td>MATH 207</td>
<td>Calculus &amp; Analytic Geometry I</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 201</td>
<td>General Chemistry I</td>
<td>5</td>
</tr>
<tr>
<td>One Fine Arts &amp; Humanities course</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>One Social and Behavioral Sciences course</td>
<td></td>
<td>3</td>
</tr>
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</table>

Required Degree Core

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGR 190</td>
<td>Computer Programming for Engineers</td>
<td>3</td>
</tr>
<tr>
<td>or CIS 142</td>
<td>C++ Object Oriented Programming I</td>
<td></td>
</tr>
<tr>
<td>MATH 208</td>
<td>Calculus &amp; Analytic Geometry II</td>
<td>5</td>
</tr>
<tr>
<td>MATH 209</td>
<td>Calculus &amp; Analytic Geometry III</td>
<td>5</td>
</tr>
<tr>
<td>MATH 210</td>
<td>Differential Equations</td>
<td>3</td>
</tr>
<tr>
<td>PHYSICS 235</td>
<td>Engineering Physics I: Mechanics &amp; Wave Motion</td>
<td>5</td>
</tr>
<tr>
<td>PHYSICS 236</td>
<td>Engineering Physics II: Electricity &amp; Magnetism</td>
<td>5</td>
</tr>
</tbody>
</table>

Electives

Select a minimum of 16 credit hours of the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
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<tbody>
<tr>
<td>BIOLOGY 115</td>
<td>Human Biology</td>
<td></td>
</tr>
<tr>
<td>BIOLOGY 121</td>
<td>Biology I</td>
<td></td>
</tr>
<tr>
<td>CHEM 203</td>
<td>General Chemistry II</td>
<td></td>
</tr>
<tr>
<td>CHEM 205</td>
<td>Organic Chemistry I</td>
<td></td>
</tr>
<tr>
<td>CHEM 207</td>
<td>Organic Chemistry II</td>
<td></td>
</tr>
<tr>
<td>CIS 144</td>
<td>Java Object Oriented Programming I</td>
<td></td>
</tr>
<tr>
<td>CIS 242</td>
<td>C++ Object Oriented Programming II</td>
<td></td>
</tr>
<tr>
<td>CIS 244</td>
<td>Java Object Oriented Programming II</td>
<td></td>
</tr>
<tr>
<td>ENGR 111</td>
<td>Engineering Success Seminar</td>
<td></td>
</tr>
<tr>
<td>ENGR 131</td>
<td>Engineering Graphics &amp; Intro to Design</td>
<td></td>
</tr>
</tbody>
</table>
ENGR 206  Elements of Mechanics-Statics
ENGR 215  Electrical Circuit Analysis
ENGR 250  Engineering Projects
MATH 146  Discrete Mathematics
MATH 212  Linear Algebra
PHYSICS 215  Statics
PHYSICS 216  Dynamics
PHYSICS 217  Mechanics Of Materials
PHYSICS 237  Engineering Physics III: Heat light and Modern Physics

Total Hours  64

1

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.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGLISH 101</td>
<td>Composition</td>
<td>3</td>
</tr>
<tr>
<td>ENGLISH 102</td>
<td>Composition</td>
<td>3</td>
</tr>
<tr>
<td>SPEECH 101</td>
<td>Fundamentals of Speech Communication</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>Social and Behavioral Sciences</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>Fine Arts &amp; Humanities 1</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>Physical Sciences &amp; Life Sciences 2</td>
<td></td>
<td>10</td>
</tr>
</tbody>
</table>

AS Electives

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 Hours

Total Hours  60

1

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.

2

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.

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

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.
<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Communications</strong></td>
<td>9</td>
</tr>
<tr>
<td></td>
<td><strong>Math</strong></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>FineArts &amp; Hum</strong></td>
<td>9</td>
</tr>
<tr>
<td></td>
<td><strong>Social &amp; Behavioral Sciences</strong></td>
<td>9</td>
</tr>
<tr>
<td></td>
<td><strong>Physical &amp; Life Sciences</strong></td>
<td>7</td>
</tr>
<tr>
<td></td>
<td><strong>Total Hours</strong></td>
<td>37</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>General Education</strong></td>
<td></td>
</tr>
<tr>
<td>ENGLISH 101</td>
<td>Composition</td>
<td>3</td>
</tr>
<tr>
<td>ENGLISH 102</td>
<td>Composition</td>
<td>3</td>
</tr>
<tr>
<td>SPEECH 101</td>
<td>Fundamentals of Speech Communication</td>
<td>3</td>
</tr>
</tbody>
</table>

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 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 FineArts & Hum courses for a minimum of 9 credit hours of the following: 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
- FRENCH 104 Fourth Course French
- FRENCH 213 Intro To Modern Literature French
- FRENCH 214 Readings In Literature French
- HUM 123 Intro To Arts & Ideas
- HUM 143 Intro to Latin American/Latino Studies
- HUM 144 Introduction to Women's and Gender Studies
- 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 Latinx 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
- LIT 116 American Literature from Colonial Days to Civil War
- LIT 117 American Literature from the Civil War to the 20th Century
- LIT 118 English Literature from its Beginnings to the Age of Johnson
- LIT 119 English Literature from the Romantic Revival to the 20th Century
- LIT 121 Contemporary African American Literature
- LIT 122 Perspectives in Black Literature
- LIT 123 Literature of the U.S. from the Civil War to the Present
- LIT 126 Contemporary American Literature
- LIT 127 Contemporary British Literature
- LIT 128 Latin American Literature
- LIT 129 U.S. Latino (a) Literature
- LIT 130 Children's Literature
- LIT 132 Native American Literature
- LIT 137 The Black Woman In Black Fiction
- LIT 150 Women's Literature
- LIT 153 Gay and Lesbian Literature
- LIT 155 Literature and Film
- LIT 156 Creative Non-fiction
- LIT 211 Shakespeare
- LIT 220 World Literature
- MUSIC 121 Introduction To Music
- MUSIC 124 Trends In Mod Amer Music
- MUSIC 183 World Music
- MUSIC 221 Music Literature & History
- PHIL 105 Logic
- PHIL 106 Introduction To Philosophy
- PHIL 107 Ethics
- PHIL 108 Philosophy Of Religion
- PHIL 110 Social/Political Philosophy
- PHIL 201 Greek Philo To Renaissance
PHIL 202  Enlightenment To Present
PHIL 215  Problems In Philosophy
PHIL 216  Critical Thinking
POLISH 104  Fourth Course Polish
SPANISH 104  Fourth Course Spanish
SPANISH 111  Spanish For Hispanos
SPANISH 210  Modern Civilization & Culture Spanish
SPANISH 213  Intro To Modern Literature Spanish
SPANISH 214  Readings In Literature Spanish
THR ART 131  Intro To Theater
THR ART 134  Theater Diversity in the U.S.

Select three Social & Behavioral Science courses for a minimum of 9 credit hours of the following:

ANTHRO 201  Intro to Biological and Cultural Evolutions of Humans
ANTHRO 202  Cultural Anthropology
ANTHRO 205  Applied Anthropology
ANTHRO 206  Introduction to Archaeology
ECON 201  Principles Of Economics I
ECON 202  Principles Of Economics II
GEOG 101  World Geography
GEOG 102  Economic Geography
HISTORY 111  History of American People To 1865
HISTORY 112  History of American People From 1865
HISTORY 114  The Afro-American In American History
HISTORY 141  History of World Civilization to 1500
HISTORY 142  Hist World Civiliz Frm 1500
HISTORY 215  History of Latin America
HISTORY 216  U.S. Latinx History
HISTORY 225  Modern Middle East History
HISTORY 243  The Far East in the Modern World
HISTORY 247  African History to Colonial Period
HISTORY 248  African History - Modern Period
POL SCI 200  Principles of Political Science
POL SCI 201  The National Government
POL SCI 203  Comparative Government
POL SCI 204  International Relations
POL SCI 207  U.S. State & Local Government
PSYCH 201  General Psychology
PSYCH 207  Child Psychology
PSYCH 211  Social Psychology
PSYCH 214  Adolescent Psychology
PSYCH 222  Adult Development And Aging
PSYCH 224  Life Span Developmental Psychology
SOC SCI 101  General Course I Social Science
SOC SCI 102  General Course II Social Science
SOC 201  Intro To the Study Of Society
SOC 203  Marriage And The Family
SOC 205  Social Problems
SOC 207  The Sociology Of Sex & Gender
SOC 211  Race & Ethnic Relations
SOC 241  Institutional Racism

Select two Physical & Life Sciences courses for a minimum of 7 credit hours of the following:

ASTROMY 201  Descriptive Astronomy
BIOLOGY 109  Human Genetics & Evolution
BIOLOGY 114  General Education Biology
BIOLOGY 115  Human Biology
BIOLOGY 119  Environmental Biology
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 221  Mechanics, Waves, and Heat
PHYSICS 231  General Physics I: Mechanics & Wave Motion
PHYSICS 235  Engineering Physics I: Mechanics & Wave Motion

Total Hours 37

1 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.
2 At least two (2) of the courses must be from different disciplines.
3 At least one (1) of the courses must be a lab course, at least one (1) of the courses must be a Life Science category course, and at least one (1) of the courses must be a Physical Science category course.

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