

Degree Requirements



Degrees and Certificates

Clark College awards three degrees: the Associate in Arts degree, for completion of a program of study for transfer to a senior institution; the Associate in Science degree, for completion of a program of study in the sciences in preparation for transfer to a senior institution; and the Associate in Applied Science degree, for completion of a program of study in an occupational program. Each degree requires 90 credits and a minimum grade point average of 2.00. Certificates of Proficiency are awarded upon completion of a minimum of 45 credits of specialized occupational training, including general education requirements. Certificates of Achievement are granted upon completion of a program of specialized occupational training of less than 45 credits.

A student may earn a degree in more than one curricular program at Clark College. To qualify for an additional degree, a student must complete all requirements for the first degree and complete all specific program requirements for the additional degree.

Graduation Information

Application Process/Deadline Dates

Students must submit an application for graduation. Degrees and Certificates are not automatically awarded. Degree application must be made no later than **the tenth day of the quarter** of expected degree completion. Specific dates are published in the quarterly class schedules.

Applications received after the deadline will automatically be processed for the following quarter, unless a petition of exception is approved. All degrees and certificates are sent by mail approximately four weeks following the end of the application quarter.

Late Applications

Students who miss the application deadline may petition for late acceptance. The petition should be submitted with the graduation application. The form is available in the Evaluations Office in Gaiser Hall.

Participation in Commencement Ceremonies

The June commencement is a ceremony for those students who have completed or plan to complete their degree or certificate during Fall, Winter or Spring of the current school year, or the Summer quarter immediately following. **Participation is not required.** Candidates must file their graduation application and cap and gown order by the appropriate deadline to be eligible. Ceremony participation does not guarantee degree completion.

Caps and Gowns

It is the responsibility of the student to submit a Cap and Gown Order form to the Credential Evaluations Office. The form is available on the table outside of the Admissions/Registration Office in Gaiser Hall. Only students who submit a Cap and Gown Order form and a graduation application will be allowed to participate in the Commencement ceremony. **The deadline for application is April 1.** Students who have submitted their application will receive detailed information in mid-May regarding the process for ceremony participation and cap and gown disbursement.

Honors

To be eligible for academic honors, students must have a minimum GPA of 3.40. Honors for the Associate in Arts degree and the Associate in Science - Transfer Degree are based on the *cumulative college level* GPA, while the Associate in Applied Science and Certificate of Proficiency are based on the *cumulative* GPA. Students in Associate degree programs will earn the designation of "With Honors" for a GPA of 3.40 to 3.89, and the designation of "With Highest Honors" for a GPA of 3.90 or higher. Certificates of Proficiency will be granted the designation of "With Merit" for a GPA of 3.40 or higher. (Certificates of Achievement are not eligible for honors designations.) Those students participating in June ceremonies will receive recognition at the celebration based on the cumulative GPA on record at the end of winter quarter. If honor status changes once final grades are processed, adjustments will be made to the student record.

Degree Requirements

Catalog Choices

Students may complete their degree under the requirements set forth in any catalog issued during their attendance at Clark College. However, no catalog will be valid for more than **seven** years. Program requirements must be completed before the catalog expires. Any student not in attendance at Clark College for two or more calendar years is required to complete the program requirements of the catalog in effect at the time of their re-entry to the college.

Academic Residency

Students are required to earn a minimum number of credits in residence at Clark College before a degree or certificate will be awarded. Refer to the chart below for the minimum credit requirements and restrictions for each type of program.

Associate Degree:

1. A minimum of 30 credits completed at Clark College.
2. A maximum of 15 credits of applicable coursework earned in the last 45 credits from a regionally accredited institution may be transferred back to meet program requirements.

Certificate of Proficiency:

1. A minimum of 15 credits completed at Clark College.
2. A maximum of 15 credits of applicable coursework earned in the last 45 credits from a regionally accredited institution may be transferred back to meet program requirements.

Certificate of Achievement:

1. A minimum of 10 credits completed at Clark College.
2. Residency credits must be completed in the final term of attendance.

Applicability of Transfer Coursework

Clark College accepts credits from all regionally accredited institutions of higher education. A list of recognized accrediting bodies is listed below.

- 1 Middle States Association of Schools and Colleges (MSA)
- 1 The Northwest Association of Schools and Colleges (NASC)
- 1 North Central Association of Schools and Colleges (NCA)
- 1 New England Association of Schools and Colleges, Inc./Commission on Institutions of Higher Education (NEASC-CIHE)
- 1 Southern Association of Colleges and Schools/Commission on Colleges (SACS-CC)
- 1 Western Association of Schools and Colleges/Accrediting Commission for Community and Junior Colleges (WASC-Jr.)
- 1 Western Association of Schools and Colleges/Accrediting Commission for Senior Colleges and Universities (WASC-Sr.)

Transcript Evaluations

Application Process: A student who has earned fifteen (15) credits at Clark College and is currently enrolled may request an official transcript evaluation by submitting the request form to the Credential Evaluations Office in Gaiser Hall. Official copies of transfer coursework must be on file with the Admissions Office before this process can be completed.

Students who do not meet these criterion have the option of meeting with a General Advisor in Gaiser Hall for an *unofficial* evaluation of their credits. Students transferring from another institution should take copies of their transcripts with them to assist in the evaluation process.

Students are encouraged to apply for an official evaluation when they are approximately halfway through their program. Request forms are available in Gaiser Hall. The evaluation process takes approximately four to six weeks to complete. Students will receive the results of their evaluation by mail.

Transfer Credits: Course equivalencies will be determined when an official evaluation of the student record is completed. The appropriate department determines equivalency and applicability of all technical or occupational training credits towards a specific certificate or degree. The Credential Evaluations Office determines equivalency of general education coursework. Normally, a maximum of 60 credits can be transferred in to satisfy program requirements.

Web Degree Audit: The Credential Evaluations Office has implemented an automated degree audit program called DegreeWorks. The software provides students, who are enrolled in degree or certificate programs, the ability to perform an unofficial evaluation of credits earned at Clark College and credits transferred to Clark College during the Admissions process. For more information, see page A11.

Distribution List for Associate in Arts and Associate in Science Degrees

Specific requirements are outlined on pages B4, B6 and B8.

Note: Some distribution requirements may be met by major area courses.

1 Humanities—15 credits from three (3) departments

Coursework should be chosen from the “A” lists below. A maximum of five (5) credits of “B” list coursework may be used to partially fulfill this requirement *if* an “A” list course in the same discipline is also completed. (i.e. ART 154 (A list) and ART 180 (B list)).

1. Art

List A (Academic)

151, 154, 155, 156, 157, 250

List B (Performance)

103, 104, 105, 115, 116, 117, 130, 137, 138, 140, 141, 142, 145, 146, 168, 169, 170, 174, 177, 178, 179, 180, 181, 182, 189, 190, 191, 203, 204, 206, 207, 257, 258, 259, 260, 261, 262, 275, 276, 277, 290, 295, 296, 297

2. English

List A (Academic)

130, 131, 132, 133, 140, 143, 150, 152, 157, 158, 159, 260, 261, 262, 264, 265, 266, 268, 269, 270, 271, 272, 299

List B (Performance)

121, 122, 123, 125, 126, 225, 226, 290

3. Foreign Language

List A (Academic)

French 101, 102, 103, 201, 202, 203, 204, 205, 206, 290

German 101, 102, 103, 201, 202, 203, 290

Japanese 101, 102, 103

Spanish 101, 102, 103, 201, 202, 203, 204, 205, 206, 290

List B (Performance)

French 121, Spanish 121

4. Humanities

List A (Academic)

101, 102, 103, 112, 152, 180

List B (Performance)

None

5. Music

List A (Academic)

100, 125, 128, 131, 132, 133, 135, 141, 142, 143, 241, 242, 243

List B (Performance)

101, 103, 105, 110, 115, 144, 145, 146, 150, 151, 152, 153, 154, 155, 170, 171, 172, 173, 174, 175, 176, 177, 178, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 193, 195, 196, 197, 201, 202, 244, 245, 246, 250, 251, 252, 253, 254, 255, 270, 271, 272, 273, 274, 275, 276, 277, 278, 280, 281, 282, 283, 284, 285, 287, 288, 289, 290, 295, 296, 297

6. Philosophy

List A (Academic)

101, 105, 106, 107, 170, 240, 251, 280, 290

List B (Performance)

None

7. Speech

List A (Academic)

120, 216, 220

List B (Performance)

171, 172, 173, 271, 272, 273

8. Theatre

List A (Academic) 105

List B (Performance)

140, 141, 142, 143, 144, 145, 150, 152, 171, 172, 173, 243, 244, 245, 250, 271, 272, 273

9. Women's Studies

List A (Academic)

101, 201, 210

List B (Performance)

None

1 Social Science—15 credits from three (3) departments

1. Anthropology 101, 102, 103

2. Economics 101, 107, 110, 111, 112, 120, 201, 202

3. Geography 101, 107

4. History 101, 102, 103, 131, 132, 133, 251, 252, 253

110, 121, 211, 220

8. Women's Studies 101, 201, 210

1 Science—15 credits from at least two (2) departments with a minimum of one lab course. Lab courses are designated with an “L”.

1. Agriculture 175L

2. Anthropology 101L

3. Astronomy 101L

4. Biology 101L, 104L, 139, 140, 141, 142, 143, 144, 145,

7. Meteorology 101L

8. Nutrition 103

9. Physical Science 101L, 102L, 106

10. Physics 101L, 102L, 103L, 105L, 201L, 202L, 203L

1 Specified Electives—12 credits

All courses numbered 100 and above (except 199, 290) in the following departments and the specific courses listed may be used to meet this elective requirement. See page B4, B6 or B8, for **E l e c t i v e**

Engineering

(except ENGR 110, 111, 140)

English

Environmental

Science

Foreign Language

Forensic Science

Geography

Geology

Health

(except HLTH 120, 121, 220)

5. Political Science 111, 131, 141, 151, 152, 153, 211, 251, 252, 253

6. Psychology 101, 102, 203, 211

7. Sociology 101, 102, 103,

160, 161, 162, 175L, 180, 201L, 202L, 203L, 208, 224L, 231L, 232L, 233L, 240L

5. Chemistry 111L, 112L, 131L, 132L, 133, 135L, 201L, 211L, 212L, 213, 214L

6. Environmental Science 210

6. Geology 101L, 102L, 103L, 109, 208

Requirements (dependent upon specific program).

1 Department

Anthropology

Art

Astronomy

Biology

Business (only BUS 101, 203, 204, 211, 224, 231,

232, 233)

Chemistry

Computer

Technology

(only CTEC 100, 120, 121, 123,

124, 125, 220, 221, 222, 224)

Economics

Associate in Arts Degree Requirements

To earn the Associate in Arts degree, the student must complete a minimum of 90 credits in courses numbered 100 and above, maintain a college level grade point average of 2.00 or higher, fulfill the specific requirements listed below, and submit a graduation application by the appropriate deadline, page B1.

General Education Requirements

Note: Some general education requirements may be met by major area courses.

1 Communication Skills—9 credits

Select a minimum of six (6) credits from list one and an additional three (3) credits from either list one or list two for a total of nine (9) credits.

<u>List One</u>	<u>List Two</u>
ENGL 101 or ENGL 111	SPEE 101
ENGL 102	SPEE 201
ENGL 103	SPEE 211
ENGL 211	

1 Quantitative Skills—5 credits

Complete a minimum of five (5) credits from any college level MATH or CTEC course with an Intermediate Algebra (MATH 095) pre-requisite. BUS 203 and BUS 204 can be used to fulfill this requirement.

1 Health and Physical Education—3 credits

A minimum of three (3) credits required. Complete a minimum of two (2) credits of Health from the list below and one (1) credit PE Activity from any college level PE Activity course OR complete one of HPE 258 or 266. Courses labeled as “professional” do not meet the PE Activity requirement. *PE and Health credits are not waived for military experience.*

HLTH 100	HLTH 101	HLTH 103
HLTH 207	HLTH 210	

Distribution Requirements

Complete a minimum of 45 credits from the distribution list on page B3.

Note: Some distribution requirements may be met by major area courses.

1 Humanities—15 credits

Select courses from at least 3 subject areas for a minimum of 15 credits.

1 Social Sciences—15 credits

Select courses from at least 3 subject areas for a minimum of 15 credits.

1 Sciences—15 credits

Select courses from at least 2 subject areas for a minimum of 15 credits. May include no more than 10 credits from one subject area and shall include at least one lab science. Math and CTEC courses do not fulfill this requirement.

Elective Requirements

Complete a total of 28 credits, from courses numbered 100 and above, including a minimum of 13 credits chosen from the general education lists, distribution lists or elective lists on B3. The remaining 15 credits may be selected from these lists or from any other 100-level vocational course. However, the vocational courses may not transfer to a senior institution.

Note: Some transfer curriculums specify electives as requirements.

1 The following restrictions apply:

- Speech 171, 172, 173, 271, 272, and 273—a maximum of 12 credits.
- Physical Education activities—a maximum of 6 credits (1 credit in PE Activity, 2 credits in specified elective and 3 credits in general elective) HPE 258 and 266 each count as one (1) Physical Education credit.
- Courses with pass/no pass grading—maximum of 30 credits.
- Non-traditional coursework—15 credit maximum. This includes CLEP, Military Experience, Co-op Work Experience, TechPrep, Special Projects and institutional challenged courses.
- Advanced Placement and International Baccalaureate (IB)—15 credit maximum. This applies to AP, IB or a combination of the two.
- Foreign Language—a maximum of five (5) credits in first year (100 level) coursework applies toward meeting Humanities distribution requirements.
- A course may be applied toward only one distribution requirement.
- Challenged coursework will count toward academic residency requirements.

Associate in Arts Degree Three Year Evening Program—90 credits

Evening Degree

It is possible to earn the Associate in Arts degree taking only evening classes within a three-year time frame, however, it is more realistic to plan on completing an evening degree program in four to five years.

Evening students are advised to work with a college counselor/advisor in planning a course of study for completing their degree. Advisors are available some evenings to meet with students working toward degrees through evening classes. Consult the quarterly schedule of classes for evening advising dates and times.

First Year		Second Year		Third Year	
Quarter	credit	Quarter	credit	Quarter	credit
Fall		Fall		Fall	
Communication Skills	3	Communication Skills	3	Humanities Elective Requirement	3 5
Social Science	3-5	Social Science	3-5		
Health & Physical Education	2				
Winter		Winter		Winter	
Communication Skills	3	Lab Science	5	Science Elective Requirement	3-5 3
Humanities	3	Social Science	3		
Elective Requirement					
Spring		Spring		Spring	
Quantitative Skills	5	Humanities	3	Science Elective Requirement	3 3
Elective Requirement	3	Science	5	Physical Ed.	1
Summer		Summer		Summer	
Social Science	3	Social Science	5	Humanities	3
Elective Requirement	5	Humanities	3-5	Elective Requirement	3

Associate in Arts Degree Worksheet

The Associate in Arts degree is for students intending to transfer to a four-year institution. Students should obtain a transcript to complete this evaluation. See page B2 for academic residency requirement. Students are required to maintain a college level grade point average of 2.00 to receive this degree.

General Education Requirements

Note: Some general education requirements may be met by major area courses.

1 Communication Skills—9 credits

English _____	<input type="text"/>
English _____	<input type="text"/>
English or Speech _____	<input type="text"/>

1 Quantitative Skills—5 credits

Select five credits from any Math or Computer Technology course with an Intermediate Algebra (MATH 095) prerequisite. BUS 203 and 204 can be used to fulfill this requirement.

Computer Technology or Mathematics _____	<input type="text"/>
_____	<input type="text"/>

1 Health and Physical Education—3 credits

Select 2 credits from Health courses and 1 credit from Physical Education courses or one of HPE 258 or 266.

Health _____	<input type="text"/>
Physical Education _____	<input type="text"/>

Distribution Requirements

Note: Some distribution requirements may be met by major area courses.

1 Humanities—15 credits

Select from a minimum of 3 subject areas.

_____	<input type="text"/>
_____	<input type="text"/>
_____	<input type="text"/>
_____	<input type="text"/>
_____	<input type="text"/>

1 Social Science—15 credits

Select from a minimum of 3 subject areas.

_____	<input type="text"/>
_____	<input type="text"/>
_____	<input type="text"/>
_____	<input type="text"/>
_____	<input type="text"/>

1 Sciences—15 credits

Select from a minimum of 2 subject areas. One laboratory course is required. A maximum of 10 credits from any 1 department is allowed. Math and Computer Technology do not fulfill this requirement.

_____	<input type="text"/>
_____	<input type="text"/>
_____	<input type="text"/>
_____	<input type="text"/>
_____	<input type="text"/>

Elective Requirements

1 Specified Electives—12 credits

See pages B3 and B4 for specific requirements.

_____	<input type="text"/>
_____	<input type="text"/>
_____	<input type="text"/>
_____	<input type="text"/>
_____	<input type="text"/>
_____	<input type="text"/>

1 General Electives—15 credits

See pages B3 and B4 for specific requirements.

_____	<input type="text"/>
_____	<input type="text"/>
_____	<input type="text"/>
_____	<input type="text"/>
_____	<input type="text"/>
_____	<input type="text"/>

TOTAL OF ABOVE TO EQUAL A MINIMUM OF 90 COLLEGE LEVEL CREDITS

Associate in Science Degree Requirements

The Associate in Science degree is intended for students planning to transfer to a four-year institution to further their study of science and/or engineering.

Most coursework is in specific mathematics and sciences requirements. While coursework in general education, humanities, and social sciences is included, additional coursework in these areas will be required at the transfer institution. In many cases, remaining general education requirements may be satisfied with upper division courses. It is important that students meet with program specific advisors to determine an appropriate educational plan.

To earn the Associate in Science degree, the student must complete a minimum of 90 college-level credits in courses numbered 100 and above, maintain a college level grade point average of 2.00 or higher, and fulfill the specific requirements listed below. See page B4 for a list of restrictions on this degree program.

Degree #1

Degree #1 is for students intending to transfer into programs in Biological Sciences, Environmental/Resource Sciences, Chemistry, Geology, or Earth Science.

General Education Requirements

1 **Communication Skills—5 credits**

Complete ENGL 101 from List 1 and one course from List 2.

List One

ENGL 101

List Two

ENGL 102 SPEE 101
ENGL 211

1 **Quantitative Skills—15-16 credits**

Select from either list one or list two to complete a minimum of fifteen (15) credits in mathematics courses at or above introductory calculus (MATH 113). Selection should be made with the help of a program specific advisor.

List One

MATH 113
MATH 211
MATH 212

List Two

MATH 113
MATH 211
MATH 203
MATH 204

Note: MATH 113 (Calculus) requires the successful completion of both MATH 103 (Trigonometry) and MATH 111 (College Algebra), or recommending score on a placement test prior to registration. These prerequisite courses can be used to fulfill elective requirements within the Associate in Science degree program.

1 **Health and Physical Education—3 credits**

A minimum of three (3) credits required. Complete a minimum of two (2) credits of Health from the list below and one (1) credit PE Activity from any college level PE Activity course or complete one of HPE 258 or 266. Courses labeled as “professional” do not meet the PE Activity requirement. *PE and Health credits are not waived for military experience.*

HLTH 100 HLTH 101 HLTH 103
HLTH 207 HLTH 210

1 **Humanities and Social Sciences—15 credits**

Select five (5) credits of coursework from Humanities, five (5) credits of coursework from Social Sciences and an additional five (5) credits of coursework in either area for a minimum of fifteen (15) credits. Humanities and Social Science courses must be selected from the distribution list on page B3. Humanities must be chosen from “List A” courses.

Chemistry Sequence—16 credits

All students planning to earn the Associate in Science Degree #1 are required to complete this sequence:

CHEM 131 CHEM 133
CHEM 132 CHEM 135

Additional Science Sequence Requirements

Complete the appropriate sequence for your intended major, as listed below.

1 **Biological Science major—30 credits**

BIOL 201 PHYS 101
BIOL 202 PHYS 102
BIOL 203 PHYS 103

1 **Chemistry and Geology major—15 credits**

PHYS 201 PHYS 202
PHYS 203

1 **Environmental/Resource Sciences and Earth Science major—15 credits**

Complete a minimum of fifteen (15) credits in one of the three following course sequences:

<u>One</u>	<u>Two</u>	<u>Three</u>
BIOL 201	PHYS 101	PHYS 201
BIOL 202	PHYS 102	PHYS 202
BIOL 203	PHYS 103	PHYS 203

Elective Requirements

1 **Science electives**

Complete an additional ten (10) to fifteen (15) credits (preferably in a two or three quarter sequence) in courses from the following list:

BIOL 201	CHEM 211	GEOL 101	ENSC 210
BIOL 202	CHEM 212	GEOL 102	PHYS 101
BIOL 203	CHEM 213	GEOL 103	PHYS 102
BIOL 208	CHEM 214	GEOL 208	PHYS 103
BIOL 224		PHYS 201	
BIOL 231		PHYS 202	MATH 113
BIOL 232		PHYS 203	or above
BIOL 233			(excluding
BIOL 240			MATH 120 &
			121)

1 **Other Electives**

Complete an additional 0 to 11 credits to total at least 90 college-level credits in the Associate in Science degree program. These credits may include college-level prerequisites for major courses (e.g., MATH 103), additional major area coursework, specific general education coursework or other coursework needed to meet specific university requirements.

Associate in Science Degree #1 Worksheet

The Associate in Science degree is intended for students planning to transfer to a four-year institution to further their study of science and/or engineering. See page B2 for academic residency requirements. Students are required to maintain a cumulative grade point average of 2.00 to receive this degree.

General Education Requirements

Note: Some general education requirements may be met by the specific requirements of the program.

1 Communication Skills—5 credits

English _____

English _____

1 Quantitative Skills—15-16 credits

Mathematics _____

Mathematics _____

Mathematics _____

Mathematics _____

1 Health and Physical Education—3 credits

Select 2 credits from Health courses and 1 credit from Physical Education courses or one of HPE 258 or 266.

Health _____

Physical Education _____

1 Humanities and Social Science—15 credits

Select 5 credits from Humanities, 5 credits from Social Sciences, and an additional 5 credits from either.

1 Chemistry Sequence—16 credits

Required of all students completing the Associate in Science Degree #1.

Additional Science Sequence Requirements

Choose one of the following sequences, based on your intended major. Refer to page B6 for specific courses.

1 Biological Science Majors—30 credits

1 Chemistry and Geology Majors—15 credits

1 Environmental/Resource Sciences and Earth Science Majors—15 credits

Required Electives

1 Science Electives—10 to 15 credits

1 Other Electives—0 to 11 credits

TOTAL OF ABOVE TO EQUAL A MINIMUM OF 90 CREDITS

Associate in Science Degree Requirements

Degree #2

Degree #2 is for students intending to transfer into programs in:

- 1 Engineering
- 1 Computer Technology
- 1 Physics
- 1 Atmospheric Science

General Education Requirements

1 **Communication Skills—5 credits**

Complete ENGL 101 from List 1 and one course from List 2.

<u>List One</u>	<u>List Two</u>	
ENGL 101	ENGL 102	SPEE 101
	ENGL 211	

1 **Quantitative Skills—15-16 credits**

Select from either List 1 or List 2 to complete a minimum of fifteen (15) credits in mathematics courses. Selection should be made with the help of a program specific advisor.

<u>List One</u> (ENGR)	<u>List Two</u>
MATH 113	MATH 113
MATH 211	MATH 211
MATH 212	MATH 203
	MATH 204

Note: MATH 113 (Calculus) requires the successful completion of both MATH 103 (Trigonometry) and MATH 111 (College Algebra), or recommending score on a placement test prior to registration. These prerequisite courses can be used to fulfill elective requirements for the Non-Engineering major. Engineering majors should complete List One courses.

1 **Health and Physical Education—3 credits**

A minimum of three (3) credits required. Complete a minimum of two (2) credits of Health from the list below and one (1) credit PE Activity from any college level PE Activity course or complete one of HPE 258 or 266. Courses labeled as “professional” do not meet the PE Activity requirement. *PE and Health credits are not waived for military experience.*

HLTH 100	HLTH 101	HLTH 103
HLTH 207	HLTH 210	

1 **Humanities and Social Sciences—15 credits**

Select five (5) credits of coursework from Humanities, five (5) credits of coursework from Social Sciences and an additional five (5) credits of coursework in either area for a minimum of fifteen (15) credits. Humanities and Social Science courses must be selected from the distribution list on page B3. Humanities must be chosen from “List A” courses.

Computer Technology Requirement—5 credits

Complete five (5) credits in coursework chosen from the list below:

CTEC 100	CTEC 220
CTEC 120	CTEC 221
CTEC 121	CTEC 222
CTEC 123	CTEC 224
CTEC 125	CTEC 225
CTEC 143	

Science Sequence Requirements

Complete the appropriate sequence for your intended major, as listed below.

1 **Engineering Major—20 to 38 credits**

15 credits Physics and 5-13 credits Chemistry with Lab

PHYS 201	CHEM 131
PHYS 202	CHEM 132
PHYS 203	CHEM 133

1 **Non-Engineering Majors—20 credits**

Complete the fifteen (15) credit Physics sequence listed below and an additional five (5) credits of Science elective from the list below:

Physics Sequence

PHYS 201
PHYS 202
PHYS 203

Elective List

BIOL 101	BIOL 208	CHEM 131	ENSC 210
BIOL 104	BIOL 224	CHEM 132	GEOL 101
BIOL 160	BIOL 231	CHEM 133	GEOL 102
BIOL 160L	BIOL 232	CHEM 135	GEOL 103
BIOL 201	BIOL 233	CHEM 211	GEOL 208
BIOL 202	BIOL 240	CHEM 212	
BIOL 203		CHEM 213	
		CHEM 214	

Elective Requirements

Complete the appropriate option for your intended major, as listed below:

1 **Engineering Major**

19 to 27 credits chosen from the following list, with the assistance of a program specific advisor.

CHEM 211	CTEC 140	ENGR 112	ENGR 250
CHEM 212	CTEC 143	ENGR 114	ENGR 251
CHEM 213	CTEC 220	ENGR 115	ENGR 252
CHEM 214	CTEC 221	ENGR 211	ENGR 253
CTEC 100	CTEC 222	ENGR 212	ENGR 280
CTEC 120	CTEC 224	ENGR 213	MATH 213
CTEC 121	CTEC 225	ENGR 214	MATH 215
CTEC 123	ENGR 110	ENGR 221	MATH 221
CTEC 125	ENGR 111	ENGR 239	

1 **Non-Engineering Majors**

Twenty-seven (27) credits to be chosen with the assistance of a program specific advisor. These credits may include college-level prerequisites for major courses (e.g., MATH 103: Trigonometry), additional major area coursework, specific general education coursework or other coursework needed to meet specific university requirements.

Associate in Science Degree #2 Worksheet

The Associate in Science degree is intended for students planning to transfer to a four-year institution to further their study of science and/or engineering. See page B2 for academic residency requirements. Students are required to maintain a cumulative grade point average of 2.00 to receive this degree.

General Education Requirements

Note: Some general education requirements may be met by the specific requirements of the program.

1 Communication Skills—5 credits

English _____	<input type="text"/>
English _____	<input type="text"/>
English or Speech _____	<input type="text"/>

1 Quantitative Skills—15-16 credits

Mathematics _____	<input type="text"/>
Mathematics _____	<input type="text"/>
Mathematics _____	<input type="text"/>
Mathematics _____	<input type="text"/>

1 Health and Physical Education—3 credits

Select 2 credits from Health courses and 1 credit from Physical Education courses or one of HPE 258 or 266.

Health _____	<input type="text"/>
Physical Education _____	<input type="text"/>

1 Humanities and Social Science—15 credits

Select 5 credits from Humanities, 5 credits from Social Sciences, and an additional 5 credits from either.

_____	<input type="text"/>
_____	<input type="text"/>
_____	<input type="text"/>

Computer Technology Requirement—5 credits

_____	<input type="text"/>
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Science Sequence Requirements

1 Engineering Majors—15 credits Physics and 5-13 credits Chemistry with Lab

_____	<input type="text"/>
_____	<input type="text"/>
_____	<input type="text"/>
_____	<input type="text"/>

1 Non-Engineering Majors—15 credits Physics AND 5 credits additional Science

_____	<input type="text"/>
_____	<input type="text"/>
_____	<input type="text"/>
_____	<input type="text"/>

Elective Requirements

See your department advisor for specific coursework required.

1 Engineering Majors—19 to 27 credits

_____	<input type="text"/>
_____	<input type="text"/>
_____	<input type="text"/>
_____	<input type="text"/>
_____	<input type="text"/>
_____	<input type="text"/>
_____	<input type="text"/>
_____	<input type="text"/>

1 Non-Engineering Majors—27 credits

_____	<input type="text"/>
_____	<input type="text"/>
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TOTAL OF ABOVE TO EQUAL A MINIMUM OF 90 CREDITS

Associate in Applied Science Degree Requirements

History
Humanities

Journalism
(only JOUR 101, 102)
Mathematics
Meteorology
Music
Nutrition
Philosophy
Physical Education
(2 credit maximum in activity
280: Sports Ethics)
Physical Science
Physics
Political Science
Psychology
Sociology
Speech
Theatre
Women's Studies

1 Specific Courses

- ECE 121 Introduction to Early Childhood Education
- ED 201 Introduction to Education

1 General Electives—15 credits

To be chosen from the specified list above or any 100-level vocational course. However, the vocational coursework may not transfer to a senior institution.

Associate in Applied Science Degree Requirements

This degree is designed especially for students who enter a program of study with specific vocational-technical career objectives. Although the Associate in Applied Science degree is not designed to guarantee junior standing in senior colleges, some institutions will grant junior standing to students who major in certain areas of study. Students should contact an advisor for additional information.

To earn the Associate in Applied Science degree, students must:

- complete at least 90 credits;
- meet academic residency requirements. See page B2 for further information;
- complete coursework in all seven general education subject areas;
- meet the specific curriculum requirements of their area of specialization. In some cases, a single course may satisfy multiple requirements in general education or program curriculum;
- maintain a cumulative grade point average of 2.00 or better;
- earn a grade of "C" or better in each program core class unless otherwise noted in department requirements in section C;
- submit a graduation application by the appropriate deadline. See page B1 for further information.

Restrictions:

- Courses with pass/no pass grading—maximum of 30 credits.
- Physical Education activities—a maximum of 6 credits. HPE 258 and 266 each count as one (1) Physical Education credit.
- Non-traditional coursework—15 credit maximum. This includes CLEP, Military Experience, Co-op Work Experience, TechPrep, Special Projects and institutional challenged courses.
- Advanced Placement (AP) and International Baccalaureate

(IB)—15 credit maximum. This applies to AP, IB or a combination of the two.

General Education Requirements

Note: Some general education requirements may be met by specific requirements of the program.

1 Communication Skills—9 credits

Select a minimum of six (6) credits from list one and an additional three (3) credits from either list one or list two for a total of nine (9) credits.

List One	List Two
ENGL 097	SPEE 101
ENGL 098	SPEE 201
ENGL 099	SPEE 211
ENGL 101 or ENGL 111	
ENGL 102	
ENGL 103	
ENGL 211	
ENGL 212 or BUS 211	

1 Health and Physical Education—3 credits

A minimum of three (3) credits required. Complete a minimum of two (2) credits of Health from the list below and one (1) credit PE Activity from any college level PE Activity course or complete one of HPE 258 or 266. Courses labeled as "professional" do not meet the PE Activity requirement. *PE and Health credits are not waived for military experience.*

HLTH 100	HLTH 103	HLTH 210
HLTH 101	HLTH 207	

1 Computational Skills—3 credits

Complete 3 credits from one of the following options.

- Any MATH course numbered 030 or higher, except MATH 096.
- Any CTEC course except CTEC 102, 103, 104, 105, 180, 181, 200, 281.
- A placement test score qualifying the student for entry into MATH 090 will satisfy this requirement.

1 Human Relations—3 credits

Complete three credits from the list below:

- Speech 201, 211, 212.
- Human Development 105, 123, 155.
- Any Psychology or Sociology course. Complete three credits from the list below:
 - Any Art course numbered 100 or above.
 - Any English course except English 097, 098, 099, 101, 102, 103, 111, 211, 212.
- Any Foreign Language course.
- Any Humanities (HUM) course.
- Music 105, 125, 128, 131, 132, 133, 135, 141, 142, 143, 180, 181, 182, 183, 184, 185.
- Any Philosophy course.

Certificate Requirements

7. Speech 120, 216, 220.

8. Any Theatre course.

9. Women's Studies 101, 201, 210.

1 Social Science—3 credits

Complete three credits from any of the following departments:

Anthropology
CDEP 101, 102
Economics
Forensic Science
Geography
History
Political Science
Psychology
Sociology
Women's Studies

1 Sciences—3 credits

Complete three credits from any of the following departments. Note the restriction on Anthropology.

Agriculture
Anthropology 101
Astronomy
Biology
Chemistry (except CHEM 050)
Environmental Science
Geology
Meteorology
Nutrition
Physical Science
Physics

Specific Requirements in an Occupational Field

Students must complete the courses listed in their career plan, plus electives as needed to meet the 90 credit requirement. Most occupational programs require more than 59 credits of specific requirements.

Certificate of Proficiency

The Certificate of Proficiency is designed for students who wish to receive specialized occupational training for a specific career objective.

To earn a Certificate of Proficiency, students must:

- complete at least 45 credits;
- meet academic residency requirements. See page B2 for further information;
- complete coursework in all three general education subject areas;
- meet the specific curriculum requirements of their area of specialization;
- maintain a cumulative grade point average of 2.00 or better;
- earn a grade of "C" or better in each program core class

unless otherwise noted in department requirements in section C;

g. submit a graduation application by the appropriate deadline. See page B1 for further information.

Restrictions:

- Courses with pass/no pass grading—maximum of 30 credits.
- Physical Education activities—a maximum of 6 credits. HPE 258 and 266 each count as one (1) Physical Education credit.
- Non-traditional coursework—15 credit maximum. This includes CLEP, Military Experience, Co-op Work Experience, TechPrep, Special Projects and institutional challenged courses.
- Advanced Placement (AP) and International Baccalaureate (IB)—15 credit maximum. This applies to AP, IB or a combination of the two.

General Education Requirements

Note: Some general education requirements may be met by the specific requirements of the program.

1 Communication Skills—3 credits

Complete a minimum of 3 credits from one of the lists below:

<u>List One</u>	<u>List Two</u>
ENGL 097	BTEC 087
ENGL 098	BTEC 107
ENGL 099	
ENGL 101 or ENGL 111	
ENGL 102	
ENGL 103	
ENGL 211	
ENGL 212	

Note: Pharmacy Technician students may meet the Communication Skills requirement by achieving one of the following:

- Completion of course from list above and placement in college level reading.
- ASSET test score of 42 on both the Reading and Writing portions.
- ASSET test score of 42 or COMPASS test score of 49, on the Writing portion AND completion of READ 087.
- COMPASS test score of 49 on the writing portion AND a score of 74 on the Reading portion.
- ASSET test score of 42 on the writing portion AND score of 74 on the COMPASS reading test.

1 Computational Skills—3 credits

Complete a minimum of 3 credits from:

- Any Mathematics (MATH) course, except MATH 096.
- Any CTEC course except CTEC 102, 103, 104, 105, 180, 181, 200, 281.
- Chemistry 050
- Business Technology 136
- Pharmacy 110
- Health Occupations 011

*Only meets the computational skills requirement for:
Medical Assistant*

