

## Degree Program Requirements

### Degrees Granted

Cuyahoga Community College offers five associate degree options: Associate of Arts, Associate of Science, Associate of Applied Business, Associate of Applied Science, and Associate of Technical Study. The first two degrees encompass studies that focus on the arts and sciences. They are the traditional beginnings of work toward a baccalaureate degree. The remaining degrees encompass studies that combine selected core courses from the arts and sciences curriculum with a focus on preparation for specific occupational skills.

The Associate of Technical Study degree allows students to combine courses from two or more technical programs to create a degree that focuses on a special career interest. Another ATS option is for students who have successfully completed a course of technical studies in a non-credit bearing postsecondary institution that has an articulation agreement with the College. Based upon the articulation agreement, the student may receive up to 45 transfer credits towards an associate of technical study degree in the specific program identified in the agreements.

Associate of Arts

Associate of Science

Associate of Applied Business

Associate of Applied Science

Associate of Technical Study

### Degrees Granted Associate of Arts Degree

The Arts and Sciences curriculum includes a range of course offerings in liberal arts and sciences for all students at the College. Students may enroll in a sequence of courses to earn either the Associate of Arts degree or the Associate of Science degree.

Study in the arts and sciences is the classic approach for preparing oneself for life and its many challenges with a broad education founded in history, literature, social sciences and physical sciences. For those students who wish to continue their studies toward the completion of a four-year degree after leaving Cuyahoga Community College, it will be necessary to plan a program that provides for eventual transfer of credits to a baccalaureate degree granting college or university.

A large number of Tri-C students plan programs that will transfer to four-year colleges and universities by enrolling in what is usually referred to as the Transfer, or University Parallel, curriculum. This course work is the equivalent of the courses offered during the first two years at a four-year institution.

Degree candidates at Cuyahoga Community College must be in good standing. An Associate of Arts degree will be granted to the student completing the following requirements:

#### A. General Graduation Requirements

- The satisfactory completion of no fewer than 93 credit hours.
- The completion of no fewer than 30 of the 93 credit hours while in attendance at Cuyahoga Community College.
- The accumulation of a minimum grade point average of "C" or better (2.00) for all courses completed.

#### B. Specific Graduation Requirements\*

1. Minimum competence in communication skills by completing the following sequence:

ENG -101, College Composition  
ENG -102, College Composition  
ENG -103, College Composition AND EITHER  
SPCH-100, Fundamentals of Interpersonal Communication OR  
SPCH-101, Fundamentals of Speech Communication

2. Minimum competence in the social sciences by completing one of the following sequences:

A.  
HIST-101, History of Civilization  
HIST-102, History of Civilization  
HIST-103, History of Civilization

B.  
HIST-151, United States History to 1841  
HIST-152, United States History from 1841 to 1896  
HIST-153, United States History from 1896 to the Present

C.  
HIST-170, History of Africa  
HIST-171, African-American History to 1877  
HIST-172, African-American History from 1877 to the Present

D.  
Political Science (any three courses)

**Degrees Granted**  
**Associate of Arts Degree**

E.  
SOC -101, Introductory Sociology  
SOC -102, Social Institutions AND  
One additional course in sociology or anthropology

F.  
ANTH-101, Cultural Anthropology OR  
ANTH-102, Physical Anthropology AND  
Two additional courses selected from either anthropology or sociology

G.  
POL -101, American National Government  
ECON-161, Principles of Economics AND EITHER  
ANTH-101, Cultural Anthropology OR  
SOC -101, Introductory Sociology

3. Minimum competence in mathematics by completing one of the following:
  - a. Successful completion of a four-credit hour mathematics course numbered 106 or higher\*\*.
  - b. Achievement of 80 percent or better on the Collegewide Mathematics Proficiency Examination.
4. Minimum competence in the natural sciences by completing one of the following:
  - a. BIO -104, Introduction to Biology - Cellular Controls/Genetics/Ecology
  - b. BIO -105, Introductory Biology - Human Body in Health and Disease
  - c. A more advanced laboratory science course
5. Minimum competence in the humanities by completing any course in the humanities areas listed below:
  - a. Art
  - b. Dance
  - c. English (200 level courses)
  - d. Foreign Languages
  - e. Humanities
  - f. Journalism
  - g. Music
  - h. Philosophy
  - i. Religious Studies
  - j. Speech Communications
  - k. Theater Arts

**C. Elective Graduation Requirements\***

Courses taken for Specific Graduation Requirements cannot count towards fulfilling Elective Graduation Requirements.

1. Mathematics and Natural Sciences ( No fewer than a total of six credit hours from the natural sciences or mathematics areas listed below):
  - A. Natural Sciences
    1. Biology
    2. Chemistry
    3. Earth Science
    4. Physical Science
    5. Physics
  - B. Mathematics  
Any mathematics courses numbered 106 or higher.

**Degrees Granted**  
**Associate of Arts Degree**

2. Humanities (No fewer than twelve credit hours selected from the humanities areas listed below):

- a. Art
- b. Dance
- c. English (200 level courses)
- d. Foreign Languages
- e. Humanities
- f. Journalism
- g. Music
- h. Philosophy
- i. Religious Studies
- j. Speech Communications
- k. Theater Arts

3. Social Sciences (No fewer than six quarter credit hours selected from the areas of the social sciences listed below):

- a. Anthropology
- b. Economics
- c. Education
- d. Geography
- e. History
- f. Political Science
- g. Psychology
- h. Social Science
- i. Sociology
- j. Urban Studies

**D. Health or Physical Education Requirements**

- 1. Minimum competence in the health or physical education by completing one of the following:
  - a. HLTH-101, Personal Health Education
  - b. Three credit hours in physical education

**E. Program Requirements**

Satisfactory completion of the requirements of the Associate of Arts Degree program chosen by the candidate.

\*No more than eight credit hours of Special Topics courses may be applied towards fulfilling elective graduation degree requirements. Further, Special Topics course credits may be applied to the "Elective Graduation Requirements" ONLY.

\*\*MATH-114, 123 and 270 may not be used to meet this requirement.

### Degrees Granted Associate of Science Degree

The Arts and Sciences curriculum includes a range of course offerings in liberal arts and sciences for all students at the College. Students may enroll in a sequence of courses to earn either the Associate of Arts degree or the Associate of Science degree.

Study in the arts and sciences is the classic approach for preparing oneself for life and its many challenges with a broad education founded in history, literature, social sciences and physical sciences. For those students who wish to continue their studies toward the completion of a four-year degree after leaving Cuyahoga Community College, it will be necessary to plan a program that provides for eventual transfer of credits to a baccalaureate degree granting college or university.

A large number of Tri-C students plan programs that will transfer to four-year colleges and universities by enrolling in what is usually referred to as the Transfer, or University Parallel, curriculum. This course work is the equivalent of the courses offered during the first two years at a four-year institution. Information about planning a program to transfer to a university is provided in the Planning Your Transfer Program at TRI-C section of this Catalog.

Degree candidates at Cuyahoga Community College must be in good standing. An Associate of Science degree will be granted to the student completing the following requirements:

#### A. General Graduation Requirements

- The satisfactory completion of no fewer than 93 credit hours.
- The completion of no fewer than 30 of the 93 credit hours while in attendance at Cuyahoga Community College.
- The accumulation of a minimum grade point average of "C" or better (2.00) for all courses completed.

#### B. Specific Graduation Requirements\*

1. Minimum competence in communication skills by completing the following sequence:

ENG -101, College Composition  
ENG -102, College Composition  
ENG -103, College Composition AND EITHER  
SPCH-100, Fundamentals of Interpersonal Communication OR  
SPCH-101, Fundamentals of Speech Communication

2. Minimum competence in the social sciences area by completing one of the following sequences:

A.  
HIST-101, History of Civilization  
HIST-102, History of Civilization  
HIST-103, History of Civilization

B.  
HIST-151, United States History to 1841  
HIST-152, United States History from 1841 to 1896  
HIST-153, United States History from 1896 to the Present

C.  
HIST-170, History of Africa  
HIST-171, African-American History to 1877  
HIST-172, African-American History from 1877 to the Present

D.  
Political Science (any three courses)

**Degrees Granted**  
**Associate of Science Degree**

E.  
SOC -101, Introductory Sociology  
SOC -102, Social Institutions AND  
One additional course in sociology or anthropology

F.  
ANTH-101, Cultural Anthropology OR  
ANTH-102, Physical Anthropology AND  
Two additional courses selected from either anthropology or sociology

G.  
POL -101, American National Government  
ECON-161, Principles of Economics AND EITHER  
ANTH-101, Cultural Anthropology OR  
SOC -101, Introductory Sociology

3. Minimum competence in mathematics by completing one of the following sequences:

A.  
MATH-171, Elementary Mathematical Analysis I  
MATH-172, Elementary Mathematical Analysis II  
MATH-181, Calculus I

B.  
MATH-135, Trigonometry  
MATH-136, College Algebra  
MATH-181, Calculus I

C.  
MATH-126, Technical Mathematics II  
MATH-146, Technical Mathematics III  
MATH-181, Calculus I

D.  
MATH-141, Elementary Probability and Statistics I  
MATH-147, Mathematical Concepts I  
MATH-148, Mathematical Concepts II  
MATH-149, Mathematical Concepts III

4. Minimum competence in the natural sciences by completing one of the following sequences:

A.  
BIO -104, Introduction to Biology - Cellular Controls/Genetics/Ecology  
BIO -105, Introductory Biology - Human Body in Health and Disease

B.  
CHEM-101, Introduction to Inorganic Chemistry  
CHEM-102, Introduction to Organic Chemistry and Biochemistry

C.  
PHYS-101, Introductory Physics  
PHYS-102, Introductory Physics  
PHYS-103, Introductory Physics

**Degrees Granted**  
**Associate of Science Degree**

D.  
PSCI-101, Physical Science - Astronomy AND  
PSCI-107, Physical Science Laboratory - Astronomy  
PSCI-102, Physical Science - Chemistry AND  
PSCI-108, Physical Science Laboratory - Chemistry  
PSCI-103, Physical Science - Earth AND  
PSCI-109, Physical Science Laboratory - Earth

E.  
A more advanced laboratory science series

5. Minimum competence in the humanities by completing any course in the humanities areas listed below:
- a. Art
  - b. Dance
  - c. English (200 level courses)
  - d. Foreign Languages
  - e. Humanities
  - f. Journalism
  - g. Music
  - h. Philosophy
  - i. Religious Studies
  - j. Speech Communications
  - k. Theater Arts

**C. Elective Graduation Requirements\***

Course taken for Specific Graduation Requirements cannot count towards fulfilling Elective Graduation Requirements.

1. Humanities (No fewer than seven credit hours to be selected from the humanities areas listed below):
  - a. Art
  - b. Dance
  - c. English (200 level courses)
  - d. Foreign Languages
  - e. Humanities
  - f. Journalism
  - g. Music
  - h. Philosophy
  - i. Religious Studies
  - j. Speech Communications
  - k. Theater Arts
2. Social Sciences (No fewer than six credit hours selected from the areas of the social sciences listed below):
  - a. Anthropology
  - b. Economics
  - c. Education
  - d. Geography
  - e. History
  - f. Political Science
  - g. Psychology
  - h. Social Science
  - i. Sociology
  - j. Urban Studies

**Degrees Granted**

**Associate of Science Degree**

**D. Health or Physical Education Requirements**

Minimum competence in the health or physical education areas as verified by completing one of the following:

1. HLTH-101, Personal Health Education
2. Three credit hours in physical education

**E. Program Requirements**

Satisfactory completion of the requirements of the Associate of Science Degree program chosen by the candidate.

\*No more than eight credit hours of Special Topics courses may be applied towards fulfilling elective graduation degree requirements. Further, Special Topics course credits may be applied in the "Elective Graduation Requirements" ONLY.



## Degrees Granted

### Associate of Applied Business Degree

The Associate of Applied Business and Associate of Applied Science degree options feature program concentrations in the general areas of business, health, engineering, public service, automotive and agriculture/natural resource technologies. Tri-C offers more than 60 technical degree programs, many of which have career ladder plans consisting of competency awards and certificates of proficiency, developed to meet short-term objectives while pursuing associate degree goals. All associate degree career programs have been formally approved by the Ohio Board of Regents.

Degree candidates at Cuyahoga Community College must be in good standing. An Associate of Applied Business degree will be granted to the student completing the following requirements:

#### A. General Graduation Requirements

- The satisfactory completion of no fewer than 93 credit hours.
- The completion of no fewer than 30 of the 93 credit hours while in attendance at Cuyahoga Community College.
- The accumulation of a minimum grade point average of "C" or better (2.00) for all courses completed.

#### B. Specific Graduation Requirements

1. Minimum competence in communication skills by completing the following sequence:

ENG -101, College Composition  
ENG -102, College Composition AND EITHER  
ENG -103, College Composition OR  
SPCH-100, Fundamentals of Interpersonal Communication OR  
SPCH-101, Fundamentals of Speech Communication

2. Minimum competence in the social sciences area by completing one of the following sequences:

A.  
SSCI-103, Introduction to Social Science  
SSCI-104, Introduction to Social Science  
SSCI-105, Introduction to Social Science

B.  
HIST-101, History of Civilization  
HIST-102, History of Civilization  
HIST-103, History of Civilization

C.  
HIST-151, United States History to 1841  
HIST-152, United States History from 1841 to 1896  
HIST-153, United States History from 1896 to the Present

D.  
POL -101, American National Government  
ECON-161, Principles of Economics AND EITHER  
ANTH-101, Cultural Anthropology OR  
SOC -101, Introductory Sociology

3. Minimum competence in mathematics by completing one of the following:

- a. Successful completion of a four-credit hour mathematics course numbered 106 or higher\*.
- b. Achievement of 80 percent or better on the Collegewide Mathematics Proficiency Examination.

4. Minimum competence in the natural sciences by completing one of the following:

- a. BIO -104, Introduction to Biology - Cellular Controls/Genetics/ Ecology
- b. BIO -105, Introductory Biology - Human Body in Health and Disease
- c. A more advanced laboratory science course

**Degrees Granted**

**Associate of Applied Business Degree**

5. Minimum competence in the humanities as verified by completing one of the following:
  - a. HUM -101, Introduction to the Humanities: Man as an Individual
  - b. HUM -102, Introduction to the Humanities: Man and Society
  - c. HUM -103, Introduction to the Humanities: Man and the Cosmos
  - d. ART -101, Art Appreciation
  - e. MUS -103, Survey and Appreciation of Music
  - f. THEA-101, Theater Appreciation
  - g. PHIL-101, Introduction to Philosophy
  - h. ENG - Any 200-level literature course.
  - i. Any foreign language course.

**C. Elective Graduation Requirements**

Completion of a total of six elective credits. Courses may be selected from one or any of the subject areas listed below. See specific program quarter sequences for the choice of courses. Courses that have been used to complete any requirement listed under Specific Graduation Requirements cannot count towards fulfilling Elective Graduation Requirements.

1. Social Sciences
  - a. Anthropology
  - b. Economics
  - c. Education
  - d. Geography
  - e. History
  - f. Political Science
  - g. Psychology
  - h. Social Science
  - i. Sociology
  - j. Urban Studies
2. Humanities
  - a. Art
  - b. Dance
  - c. English
  - d. Foreign Languages
  - e. Humanities
  - f. Journalism
  - g. Music
  - h. Philosophy
  - i. Religious Studies
  - j. Speech Communications
  - k. Theater Arts
3. Natural Sciences
  - a. Biology
  - b. Chemistry
  - c. Earth Science
  - d. Physical Science
  - e. Physics
4. Mathematics

**Degrees Granted**

**Associate of Applied Business Degree**

**D. Health or Physical Education Requirements**

Minimum competence in the health or physical education areas as verified by completing one of the following:

1. HLTH-101, Personal Health Education
2. Three quarter credits in Physical Education

**E. Program Requirements**

Satisfactory completion of the requirements of the Associate of Applied Business degree program chosen by the candidate. The program requirements are identified in the technical/occupational quarter sequences.

\*MATH-123 and 270 may not be used to met the requirement.

## Degrees Granted

### Associate of Applied Science Degree

The Associate of Applied Business and Associate of Applied Science degree options feature program concentrations in the general areas of business, health, engineering, public service, automotive and agriculture/natural resource technologies. Tri-C offers more than 60 technical degree programs, many of which have career ladder plans consisting of competency awards and certificates of proficiency, developed to meet short-term objectives while pursuing associate degree goals. All associate degree career programs have been formally approved by the Ohio Board of Regents.

Degree candidates at Cuyahoga Community College must be in good standing. An Associate of Applied Science degree will be granted to the student completing the following requirements:

#### A. General Graduation Requirements

- The satisfactory completion of no fewer than 93 credit hours.
- The completion of no fewer than 30 of the 93 credit hours while in attendance at Cuyahoga Community College.
- The accumulation of a minimum grade point average of "C" or better (2.00) for all courses completed.

#### B. Specific Graduation Requirements

1. Minimum competence in communication skills by completing the following sequence:

ENG -101, College Composition  
ENG -102, College Composition AND EITHER  
ENG -103, College Composition OR  
SPCH-100, Fundamentals of Interpersonal Communication OR  
SPCH-101, Fundamentals of Speech Communication

2. Minimum competence in the social sciences area by completing one of the following sequences:

A.  
SSCI-103, Introduction to Social Science  
SSCI-104, Introduction to Social Science  
SSCI-105, Introduction to Social Science

B.  
HIST-101, History of Civilization  
HIST-102, History of Civilization  
HIST-103, History of Civilization

C.  
POL -101, American National Government  
ECON-161, Principles of Economics AND EITHER  
ANTH-101, Cultural Anthropology OR  
SOC -101, Introductory Sociology

D.  
PSY -101, General Psychology  
PSY -102, General Psychology  
PSY - Any 200-level psychology course

3. Minimum competence in mathematics by completing one of the following:

- a. Successful completion of a mathematics course numbered 100 or higher\*.
- b. Achievement of 80 percent or better on the Collegewide Mathematics Proficiency Examination.

4. Minimum competence in the natural sciences by completing one of the following:

- a. BIO -104, Introduction to Biology - Cellular Controls/Genetics/ Ecology
- b. BIO -105, Introductory Biology - Human Body in Health and Disease
- c. A more advanced laboratory science course.

**Degrees Granted**

**Associate of Applied Science Degree**

5. Minimum competence in the humanities as verified by completing one of the following:
  - a. HUM -101, Introduction to the Humanities: Man as an Individual
  - b. HUM -102, Introduction to the Humanities: Man and Society
  - c. HUM -103, Introduction to the Humanities: Man and the Cosmos
  - d. ART -101, Art Appreciation
  - e. MUS -103, Survey and Appreciation of Music
  - f. THEA-101, Theater Appreciation
  - g. PHIL-101, Introduction to Philosophy
  - h. ENG - Any 200-level literature course.
  - i. Any foreign language course.

**C. Elective Graduation Requirements**

Completion of a total of six elective credits.

Courses may be selected from one or any of the subject areas listed below. See specific program quarter sequences for the choice of courses. Courses that have been used to complete any requirement listed under Specific Graduation Requirements cannot count toward fulfilling Elective Graduation Requirements.

1. Social Sciences

- a. Anthropology
- b. Economics
- c. Education
- d. Geography
- e. History
- f. Political Science
- g. Psychology
- h. Social Science
- i. Sociology
- j. Urban Studies

2. Humanities

- a. Art
- b. Dance
- c. English
- d. Foreign Languages
- e. Humanities
- f. Journalism
- g. Music
- h. Philosophy
- i. Religious Studies
- j. Speech Communications
- k. Theater Arts

3. Natural Science

- a. Biology
- b. Chemistry
- c. Earth Science
- d. Physical Science
- e. Physics

4. Mathematics

**Degrees Granted**

**Associate of Applied Science Degree**

**D. Health of Physical Education Requirements**

Minimum competence in the health or physical education areas as verified by completing one of the following:

1. HLTH-101, Personal Health Education
2. Three quarter credits in physical education

**E. Program Requirements**

Satisfactory completion of the requirements of the Associate of Applied Science Degree program chosen by the candidate. The program requirements are identified in the technical/occupational quarter sequences.

\*MATH-123 and 270 may not be used to met the requirement.

**Degrees Granted**

**Associate of Technical Study Degree**

Degree candidates at Cuyahoga Community College must be in good standing. An Associate of Technical Study Degree will be granted to the student completing the following requirements:

**A. General Graduation Requirements**

- The satisfactory completion of no fewer than 93 credit hours.
- The completion of no fewer than 30 of the 93 credit hours while in attendance at Cuyahoga Community College.
- A student is to attain a "C" (2.00) average for all work at the College.

**B. Specific Graduation Requirements**

1. Completion of an application for admission to the ATS program, including an outline of specific coursework to be taken in the intended area(s) of concentration. To ensure the consistency and relevancy of the coursework proposed, a minimum of 30 credit hours of coursework must be completed at Cuyahoga Community College after the ATS application has been approved.
2. Completion of a minimum of 45 credit hours in technical studies which are clearly identifiable with a career objective and are composed of a combination of technical courses drawn from two or more technical programs currently offered by the College; or awarded by Cuyahoga Community College for completed training received by a student at other public, private, or proprietary postsecondary institutions, postsecondary vocational centers and schools conducted by business or industry judged by Cuyahoga Community College as meeting its academic standards.
3. Completion of a minimum of 12 credits of mathematics, and biological sciences, and/or physical science, of which nine must be related to, or supportive of, the technical component of the degree program. A minimum competency in mathematics will be demonstrated by successfully completing MATH-116, Technical Mathematics I, or MATH-120, Intermediate Algebra or higher\*.
4. Completion of ENG-101, College Composition plus an additional six credit hours from any combination of the following: ENG-102, College Composition, ENG-103, College Composition, 200-level English courses; SPCH-100, Fundamentals of Interpersonal Communication or higher; business communications; or technical writing.
5. Completion of a minimum of 12 credit hours selected from the areas of the social sciences and humanities with a minimum of three hours selected from each of these two areas.
6. Completion of HLTH-101, Personal Health Education or three credit hours of physical education.

\*MATH-270 may not be used to meet the minimum mathematics competency requirement. MATH-123 may not be used unless medical laboratory courses, from the degree program, are part of the technical study degree.

**C. Elective Graduation Requirements**

Completion of a minimum of 12 quarter hours of coursework that shall be related to the occupational objective of the student or basic to further development of technical competencies.

NOTE: Students must have an approved educational plan in order to be eligible for an ATS program. The process to gain approval begins with an appointment with a college counselor.