

ARTS & SCIENCES Academy

The **Arts and Sciences Academy** gives you the chance to take general education classes and earn college credit before you graduate from high school! You may take courses in English, Communication, Education, Mathematics, Social Sciences, and Humanities. Most courses in the Arts and Sciences Academy count toward an Associate of Arts (AA) and Associate of Science (AS) Degrees at SCC, as well as toward meeting several of general education requirements for Career and Technical programs. (The SCC AA Degree is designed as a two year transfer degree leading to 4 year colleges and universities.)

You may enroll in any or all of the courses listed in the Academies through your high school guidance counselor. You are not required to take all courses within the academy to get college credit for each course.



Career Opportunities:

The Arts & Sciences Academy will give you a “jump start!” on your path to any career by fulfilling general education requirements in many programs. For example, you may apply these credits to such programs such as Animation, Business Administration, Criminal Justice, Graphic Communication, and Nursing, to name a few. And... credits you earn may be applied to transfer programs at four-year institutions if your career path requires additional training. If you want to enter the work force right after high school, studies show that potential employers in areas like banking, customer service, retail sales, and service industries consider people who have completed college courses as better prepared than those with no college experience.

How much will it cost?

Your school district pays for your courses. You and your family are saving \$170/credit hour (SCC’s in-state tuition cost for 2016-2017).

Check with your high school guidance counselor but you most likely will need to provide your own transportation and purchase your textbooks..

Who may participate?

Any high school student who meets the requirements. Please check with your high school guidance counselor.

What may I do after high school?

When you enroll in courses in the Arts and Sciences Academy, you will earn SCC college credit and have an SCC college transcript. If you enroll in the Associate of Arts (AA) or Associate of Science (AS) Degree Program at SCC, you may bypass the courses you have already taken, saving time and money. These courses may apply to other programs, as well. Check with SCC college enrollment personnel. Also check out the Associate of Arts (AA) and Programs of Study links on the SCC website:

Programs of Study:

<http://www.scciowa.edu/academics/degs-progs-depts/index.aspx>

May I take more?

If there are openings in appropriate classes on an SCC Campus, SCC Center, or on-line, there may be a possibility for further study. Check with your high school guidance counselor.

How do I register?

Meet with your high school guidance counselor to determine course options.

Register on-line with SCC, as directed by your counselor.

Your high school counselor will send the class roster to SCC.

Questions or for more information:

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Director of High School Relations
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West Burlington Campus
1500 West Agency Road
West Burlington, IA 52655
Toll-free: 1-866-722-4692 x5046

Course Descriptions

English

ENG-105 Composition I

Credit: 3 A study of the principles of writing. Emphasis on rhetoric, mechanics, and development of expository patterns: narration, description, illustration, comparison/contrast, classification, process, and cause/effect. Required for AA and AS Degrees. Prerequisites: Mandatory ACCUPLACER or ACT test score and mandatory eWrite score (per SCC Writing Scores & Mandatory Course Placement Chart), or a C- or above in ENG-061, College Preparatory Writing II. No waivers.

ENG-106 Composition II

Credit: 3 A continuation of study of the principles of writing begun in ENG-105. Emphasis is placed on persuasive writing as well as literary analysis and the MLA research paper. Time will also be spent exploring the research sources available from the library. Required for AA and AS Degrees. Prerequisite: C- or above in ENG-105.

ENG-111 Technical Writing

Credit: 3 Studies the rhetorical techniques specifically oriented to industrial requirements. Applies expository patterns as incorporated within the report apparatus, including such specialized formats as process analysis, progress/lab reports, feasibility study, and the proposal. Also includes correspondence and application of basic library research skills. Course designed to satisfy specified career program requirements. Prerequisites: Mandatory COMPASS or ACT test score and mandatory eWrite score (per SCC Writing Scores & Mandatory Course Placement Chart), or a C- or above in ENG-061, College Preparatory Writing II. No waivers.

History

HIS-151 United States History to 1877

Credit: 3 A survey of American social, political, economic and intellectual developments from the Colonial period to 1877.

HIS-152 United States History since 1877

Credit: 3 A survey of American social, political, economic and intellectual developments since 1877.

Humanities

HUM-287 Leadership Development Studies

Credit: 3 This course is designed to provide emerging and existing leaders the opportunity to explore the concept of leadership and to develop and improve their leadership skills. The course integrates readings from the humanities, experiential exercises, films/videos and contemporary readings on leadership.

Literature

LIT-101 Introduction to Literature

Credit: 3 Designed to promote an appreciation of excellence in literature through illustrative types of short fiction, poetry, and drama. Emphasis is placed on the reader's interpretive skills in examining an author's craft, intent, and format.

Mathematics

MAT-110 Math for Liberal Arts

Credit: 3 Math for Liberal Arts is a survey course for students who have little background in mathematics. Topics include survey of sets, numbers, algebra, geometry, probability, and statistics. This course is not intended for Mathematics and Science majors. Prerequisites: MAT-062 with a grade of at least C- or equivalent or ALEKS score of 30 or higher or ACT Math score of 20-21 or math faculty approval.

MAT-128 Precalculus

Credit: 4 This course encompasses an in-depth review of mathematical concepts necessary in preparing students for the calculus. Problem solving is emphasized. Topics from algebra, trigonometry, and analytic geometry essential in the calculus are covered in this course. Topics include: properties of lines and quadratics, absolute value equations and inequalities, functions and their graphs, polynomial and rational functions, exponential and logarithmic functions, trigonometric functions, analytic trigonometry, vectors, conics in both the rectangular and polar coordinate systems, parametric equations, systems of equations and inequalities, matrices, three-dimensional coordinate geometry, partial fractions, sequences and mathematical induction. Prerequisite: MAT-127 or equivalent.

MAT-156 Statistics

Credit: 3 This course is an applied course in statistics, designed to introduce students to some of the concepts, symbols, procedures, and vocabulary used in the field of statistics. Topics covered in this course include: organizing and graphing data, descriptive statistics, probability, various distributions, the sampling distribution of the mean, estimating a population mean, confidence intervals, inferential statistics (hypothesis testing), comparing two population parameters, analysis of variance, correlation, simple linear and multiple regression, contingency tables, and nonparametric statistics (time permitting). Prerequisite: MAT-102 or ALEKS score of 46 (or higher) or ACT score of 22 or above or math faculty approval.

MAT-210 Calculus I

Credit: 4 This course includes the study of limits and continuity, derivatives and differentiation, differentials, maximum and minimum function values and techniques of graphing, applications, and an introduction to integration. Prerequisite: MAT-127 or MAT-128 with a grade of at least C- or ALEKS score of 76 (or higher) or ACT score of 29 or above or math faculty approval.

MAT-216 Calculus II

Credit: 4 The study of integration, techniques of integration, applications and accompanying mathematical structure. Prerequisite: MAT-210 or math faculty approval.

MAT-702 Introduction to Math Applications

Credit: 3 This course is offered to students who can profit from an applied course in mathematics and will prepare students who need to develop skills for MAT-704. It is designed as an introductory level algebra course recommended for students with one year of high school algebra. Emphasis is on the building of basic algebra skills and the application of these mathematical techniques. The course studies the relationship of geometry and algebra as they apply to various fields. This course will also cover whole numbers/decimals, integers, fractions/percents, direct measurement, basic geometric concepts/relationships, linear equations, and right-triangle trigonometry. Prerequisite: MAT-052 or ALEKS score of 14 or higher or ACT Math score of 18-19 or math faculty approval.

Psychology

PSY-111 Introduction to Psychology

Credit: 3 A basic course in the understanding of behavior, designed to give the student a scientific background in the fundamental problems and techniques covered in the field of psychology.

PSY-121 Developmental Psychology

Credit: 3 A systematic study of life-span development. Individual differences in behavior as well as cultural norms are considered in relation to heredity and environment.

PSY-241 Abnormal Psychology

Credit: 3 A survey of the history of mental illness including a study of normal and abnormal behavior as related to various cultures. Personality development, individual adjustment, and description of the various clinical entities and their relevance to present day life will be covered. Character disorders and personality structures which cause maladjustment are reviewed. A review of the theories of personality is included. Prerequisite: PSY-111.

Religion

REL-101 Survey of World Religions

Credit: 3 A survey of the major religions of the eastern and western world. Each religion is placed in its historical context, and its major tenets are explored. This course includes a general understanding of the various religions studied, some specific insights into each religion's belief structures and discussion of the general function of religion in human experience.

Sociology

SOC-110 Introduction to Sociology

Credit: 3 An analysis of social organization (or the social order). This course deals with the nature of sociology as a science, the original nature of man, the socialization of the individual, the development of groups and group behavior, the nature of culture and culture patterns, the organization of institutions, the nature of social order, the organization of human stratification and examination of major social processes. Special emphasis is placed upon the American cultural patterns.

Speech

SPC-112 Public Speaking

Credit: 3 This course examines both the theoretical and practical basis of speech communication, particularly public speaking. Emphasis is on speech preparation, organization, support, delivery, and audience analysis. Required for AA and AS degrees.

Will these courses transfer to other colleges?

Check out this link: www.transferiniowa.org to see how courses may transfer to other colleges. It's also recommended that you double check with the college to make sure how/if courses will transfer.

ARTS & SCIENCES Academy Locations

Burlington

FALL ENG-105 Composition I
 HUM-287 Leadership Development Studies
 REL-101 Survey of World Religions

SPRING ENG-106 Composition II
 MAT-110 Math for Liberal Arts
 MAT-128 PreCalculus
 MAT-156 Statistics

Burlington Notre Dame

FALL HUM-287 Leadership Development Studies

Central Lee

FALL ENG-105 Composition I
 HUM-287 Leadership Development Studies

SPRING ENG-106 Composition II

Danville

FALL HUM-287 Leadership Development Studies

Ft. Madison

WINTER TRIMESTER

 ENG-105 Composition I
 HUM-287 Leadership Development Studies
 LIT-101 Intro to Literature
 MAT-702 Intro to Math Applications

SPRING TRIMESTER

 ENG-106 Composition II

Keokuk

FALL ENG-105 Composition I
 HUM-287 Leadership Development Studies
 PSY-111 Intro to Psychology
 MAT-110 Math for Liberal Arts
 MAT-210 Calculus I
 SPC-112 Public Speaking

SPRING MAT-156 Statistics
 MAT-128 Pre-Calculus
 MAT-216 Calculus II
 PSY-241 Abnormal Psychology
 SPC-112 Public Speaking

Mediapolis

FALL ENG-105 Composition I
 HUM-287 Leadership Development Studies

SPRING ENG-106 Composition II
 SPC-112 Public Speaking

New London

FALL ENG-105 Composition I
 HUM-287 Leadership Development Studies
 LIT-101 Intro to Literature
 PSY-111 Intro to Psychology

SPRING ENG-106 Composition II
 SOC-110 Intro to Sociology
 MAT-110 Math for Liberal Arts
 MAT-210 Calculus I

WACO

FALL ENG-105 Composition I
 HUM-287 Leadership Development Studies
 HIS-151 U.S. History to 1877
 PSY-111 Intro to Psychology
 SPC-112 Public Speaking

SPRING ENG-106 Composition II
 HIS-152 U.S. History Since 1877
 PSY-241 Abnormal Psychology
 SPC-112 Public Speaking

Wapello

FALL ENG-105 Composition I
 HUM-287 Leadership Development Studies
 SOC-110 Intro to Sociology
 PSY-241 Abnormal Psychology

SPRING ENG-106 Composition II
 PSY-111 Intro to Psychology

West Burlington

FALL ENG-105 Composition I
 HUM-287 Leadership Development Studies

SPRING ENG-106 Composition II

Winfield-Mt. Union

FALL ENG-105 Composition I
 HUM-287 Leadership Development Studies
 SPC-112 Public Speaking

SPRING ENG-106 Composition II

Southeastern Community College (SCC) is committed to providing equal access to all persons who seek post-secondary and related educational assistance, within our stated mission and statutory authority. We remain committed to helping all persons to the level of their ability to benefit, regardless of age, disability, ethnicity, gender, national origin, race, religious creed, marital status, or sexual orientation. We will accomplish this commitment through our offering of a broad spectrum of quality educational programs, activities, educational assistance, and related support services. We value diversity as a rich enhancement of student experiences here and we are thereby committed to policies that promote fairness and inclusion for all who attend SCC.

