

**2010-2011 ARTICULATION AGREEMENT
BETWEEN
ANNE ARUNDEL COUNTY PUBLIC SCHOOLS
AND
ANNE ARUNDEL COMMUNITY COLLEGE**

Anne Arundel Community College, hereinafter referred to as AACC, a two-year college in Anne Arundel County, Maryland, and Anne Arundel County Public Schools, hereinafter referred to as AACPS, a public school system in Maryland, agree to offer an articulated program wherein students that successfully complete the University System of Maryland Completer Program with a focus on Architecture at AACPS are eligible to receive, upon admission to AACC, articulated credits for specified courses offered at AACC, as fully set forth below.

This agreement is entered into in the interest of our students and becomes effective on the date set forth on the last page of this document, following the signature of the appropriate officials from both institutions.

The following sections describe the specifics of the agreement.

High School Program:

University System of Maryland Completer Program with a focus on Architecture

Eligible Articulated Credits:

(ACH 111) Architectural Design 1	4 credits
<i>OR</i>	
(ENT 111) Drafting and CAD Fundamentals	3 credits

Community College Program:

Architecture A.A.S. Degree Option
Interior Design A.A.S. Degree or Certificate Option
Construction Management A.A.S. Degree or Certificate Option
Construction Management Entrepreneurship Certificate
Architectural CAD Certificate Option
Architectural Illustration Certificate Option
Landscape Architecture Design Certificate Option
Electronic Engineering Technology, Electromechanical Certificate Option
Design and Drafting Technology Certificate

Suggested Concurrent AACC Courses:

(ACH 121) Architectural Materials and Methods 1
(ACH 245) Computer Applications for Design
(CSI 112) Computer and Information Technology *or* (CSI 113) Theories and Applications
of Digital Technology
(ENT 241) Computer Aided Drafting

Maximum Articulated Credits for AAS Degree: 4 credits

Maximum Articulated Credits for Certificate: 4 credits

Under this agreement, students that complete the required coursework from AACPS are eligible to receive articulated credits for an Architecture/Interior Design or Engineering Degree or Certificate program at AACC.

Technology teachers may recommend a student for articulated credit for Architectural Design 1 (ACH 111) *or* Drafting and CAD Fundamentals (ENT 111) if the student has (a) successfully completed in its entirety, with a grade of 3.0 or higher, a minimum of two (2) semesters of drafting/Introduction to Engineering Design (IED) and one (1) semester of architectural drawing; (b) maintain a portfolio illustrating the attached competencies, and (c) have the *Request for Evaluation of Program Pathways Credits* form signed by the AACPS technology drafting teacher. A computer class elective and elements of design art course are strongly recommended as electives.

The *Request for Evaluation of Program Pathways Credits* form is available on the AACC Program Pathways web site and should be completed by the end of the senior school year. In signing the form, AACPS technology education teachers will make recommendation to the college's Department Chair of Architecture and Interior Design, School of Business, Computing and Technical Studies.

Students must satisfy the criteria listed below:

1. The student must be enrolled at AACC within one year of high school graduation or by permission of the college's Department Chair of Architecture and Interior Design, School of Business, Computing and Technical Studies.
2. Before articulated college credit(s) become part of the student's official transcript, the student must complete six credits of college coursework at AACC with a grade of 2.0 or higher.

Students will adhere to requirements in the articulation agreement coinciding with the academic year prior to his/her high school graduation. Tuition for courses and credits earned through this Articulation Agreement will be waived.

This Articulation Agreement is to be reviewed at the end of each academic year by the Department Chair of Architecture and Interior Design, School of Business, Computing and Technical Studies at AACC, and the Director of Science & Technologies at AACPS, and may be changed if approved by both parties or withdrawn at the option of either party. Termination of this agreement will not affect any students currently enrolled in the University System of Maryland Completer Program with a focus on architecture at Anne Arundel County Schools at the time of termination.

Andrew L. Meyer, Ed.D.
Vice President for Learning
Anne Arundel Community College

Karl W. Behringer, Director
Science & Technologies
Anne Arundel County Public Schools

Kelly Koermer, J.D., Dean
School of Business, Computing & Technical Studies
Anne Arundel Community College

Webster L. Dorsey, Coordinator
Technology Education
Anne Arundel County Public Schools

Michael D. Ryan, Department Chairperson
Architecture and Interior Design
School of Business, Computing and Technical Studies
Anne Arundel Community College

Frank Lanzer, P.E., Department Chair
Engineering
School of Business, Computing & Technical Studies
Anne Arundel Community College

Date: _____

Date: _____

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ANNE ARUNDEL COUNTY PUBLIC SCHOOLS
AND
ANNE ARUNDEL COMMUNITY COLLEGE**

Program: University System of Maryland Completer Program with a focus on Architecture to any Anne Arundel Community College Associate Degree and Certificate programs in Architecture, Construction Management, Interior Design, Design and Drafting Technology or Electronic Engineering Technology

Eligible Articulated Credits: (ACH 111) Architectural Design 1 4 credits
OR
(ENT 111) Drafting and CAD Fundamentals 3 credits

Requirements:

- Have the *Request for Evaluation of Program Pathways Credits* form signed by the AACPS technology drafting teacher
- Grade of 3.0 or higher, a minimum of three (3) semesters of drafting to include at least one architectural drawing course
- A portfolio illustrating the identified competencies
- Enrollment within one year of high school graduation or by permission of the college's Department Chair of Architecture and Interior Design based on relevant work experience
- Completion of six college credits at Anne Arundel Community College with a grade of 2.0 or higher

Benefits:

- Up to four (4) articulated college course credits at Anne Arundel Community College for ACH 111 or ENT 111
- Tuition for credits earned by articulation will be waived for ACH 111 or ENT 111

Webster L. Dorsey, Coordinator
Technology Education
Anne Arundel County Public Schools

Date

Kelly Koermer, J.D., Dean
School of Business, Computing & Technical Studies
Anne Arundel Community College

Date

**Educational Competencies of
ACH 111 Architectural Design 1**
Professor Michael Ryan, Department Chair
Architecture and Interior Design

The following is a list of the competencies needed by AACPS students in order to receive credit for ACH 111. Credit would be awarded on a portfolio review and completion of the AACPS program/courses.

Know how to:

Architecturally hand letter using triangle

Use and apply line weight to differentiate the different parts of the drawings:

- Primary lines
- Secondary lines
- Tertiary lines

Draw orthographic drawings:

- Plans
- Sections
- Elevations

Draw 3D paraline drawings:

- Axonometrics
- Isometrics
- Obliques

Construct a one point perspective and understand the different parts and their relationships to each other and the effects upon the perspective:

- Picture plane (from a section)
- Station Point
- Vanishing Point
- Determining heights
- Determining depths

Design of a small residence including sizes and relationships of residential building elements:

- Layout and relationships of the major rooms
- Kitchens and the size and relationships of the equipment
- Bathrooms and the size and relationships of the fixtures