MERCER COUNTY COMMUNITY COLLEGE

2023-2024 Academic Year

Architecture

Associate in Science Degree (A.S.)

Liberal Arts Division
609.570.3378 admiss@mccc.edu

The **Architecture** transfer program parallels the first two years of education at a majority of undergraduate schools of architecture. It offers a balance of academic and design courses.

The academic courses provide students with a broad base of general knowledge which widens their outlook and increases their ability to evaluate issues and make enlightened decisions. The design courses emphasize the development of skills in architectural conceptualization and design decision-making. They include both traditional methods of architectural graphics and model building as well as use of the computer as a three-dimensional design study tool.

Together, the academic courses and design courses form the foundation needed for advancement in architectural education and, later, in professional practice. Students have the opportunity to enrich their education through participation in field trips and a variety of architecture-related extracurricular activities.

Since architecture programs vary among senior colleges and admission is highly competitive, faculty assistance is readily available to students preparing design portfolios and investigating potential transfer institutions. The architecture faculty are registered architects.

PROGRAM OUTCOMES

- Use analytical skills to determine the major elements of a work of architecture and/or an architectural design project;
- Comprehend and apply the various stages of the creative thought process to produce an architectural design;
- Understand and apply the basic principles of sustainable design;
- Use two- and three-dimensional visual communication skills (freehand, traditional, and computer-generated drawings and physical models) to convey a complete architectural idea;
- Demonstrate knowledge of the important buildings and stages in the history of architecture and the social and technological factors that influenced them;
- Critically evaluate the built environment – its relationship to the natural world and the reciprocal sociological and psychological influences on man;
- Demonstrate knowledge of architectural materials and structural systems and their appropriate applications in building construction.

Admission to the Architecture program requires a high school diploma or its equivalent with at least one year of science (biology, chemistry, or physics) and two years of algebra. Courses in the visual arts are highly recommended.

DEGREE CURRICULUM

2023-2024 Academic Year

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The course sequence below represents a recommended example of how this degree program can be completed in two years, presuming a Fall Term start and satisfaction of all Developmental Studies (foundation courses) requirements and prerequisites. Actual approaches toward completion depend on each student's anticipated transfer institution, career objectives, or other individual circumstances.

Students are encouraged to meet regularly with an academic advisor or Success Coach to consider options, establish plans, and monitor progress.

Code	Course (lecture/lab hours)	Credits	To Do This Semester
FIRST SEMESTER			
ARC 102	Graphic Communication for Architecture (1/4)	3	✓ Meet with your faculty advisor to complete an academic plan. Make sure you are aware of any course prerequisites you may need to take, and how long it will take to complete your degree. ✓ Use your online tools: Check your MercerMail daily, utilize features of Office 365, and get to know Student Planning. ✓ Take advantage of Learning Centers or Online Tutoring to support your studies and assignments.
ARC 121	Architecture Basic Design I (1/8)	5	
ART 122	History of Art II (3/0)	3	
ENG 101	English Composition I (3/0)	3	
CMN 112	Public Speaking (3/0)	3	

SECOND SEMESTER			
ARC 104	Computers in Architecture (1/4)	3	✓ Transitioning to college can be challenging. Meet with your Success Coach for guidance and support. ✓ Apply for financial aid by May 1. ✓ Contact professors with questions and use their office hours to develop a connection. ✓ Apply for Continuing Student scholarships at www.mccc.edu/m-scholarships. ✓ Begin attending college transfer events and visit campuses. Be sure to visit the Transfer Services and Career Services offices to get to know how the transfer process works and to explore career options. ✓ Plan for how you will complete transfer applications while finishing your classes.
ARC 123	Architecture Basic Design II (1/8)	5	
ENG 102	English Composition II (3/0)	3	
MAT 146	Pre-Calculus (4/0)	4	
THIRD SEMESTER			
ARC 122	History of Architecture to 1860 (3/0)	3	✓ Keep in contact with each professor and your faculty advisor. Make sure you are on track to graduate.
ARC 229	Architecture Design I (1/6)	4	
PHY 101	College Physics I (3/3)	4	
— —	Social Science general education elective	3	

			✓ Complete your applications to desired transfer institutions. ✓ Develop team and leadership skills by getting involved in activities and clubs. ✓ Manage your stress! Take advantage of the MCCC pool, Fitness Center, free yoga and Zumba. Reach out for counseling or other support if you need it. Your Success Coach can connect you with resources.
FOURTH SEMESTER			
ARC 124	History and Theory of Modern Architecture (3/0)	3	✓ Apply for financial aid by May 1. ✓ Talk to your faculty advisor and the Transfer office for advice on how to successfully transition to a new school. ✓ Apply for Graduating Student scholarships at www.mccc.edu/m-scholarships.
ARC 230	Architecture Design II (1/6)	4	
PHY 102	College Physics II (3/3)	4	
— —	Social Science or Humanities general education elective	3	
		60	

NOTE: Electives should be selected in consultation with an academic advisor in order to assure maximum transfer of credits.