

# DRAFTING DESIGN TECHNOLOGY, AAS

Overview: The Associate in Applied Science Degree in Drafting & Design Technology prepares students to use critical thinking and problem solving in development and communication of design solutions. The curriculum can be broken down into three distinct sequences. The practical knowledge sequence includes concepts in architectural history, building materials and assemblies, and basic industry knowledge; the technical skills sequence consists of instruction in two- and three-dimensional computer-aided drafting and building information modeling; the studio sequence provides a platform upon which students apply knowledge and skills gained to the solution of complex design problems. Upon degree completion, students will be prepared for careers in computer-aided drafting, building information modeling, interior space planning and design, facilities and operations, and construction coordinating.

Minimum Grade: C-

Minimum GPA: 2.0

Code	Title	Credit Hours
ACT 105	TECH DRAWING	3
ACT 113	ARCH MATERIALS 1	3
ACT 125	CAD 1	3
ACT 151	MODEL BUILD	3
ACT 155	CAD 2	3
ACT 204	DESIGN STUDIO 1	3
ACT 255	CAD 3	3
ACT 264	DESIGN STUDIO 2	3
ART 150	VISUAL & CONCEPT	3
ART 203	COMPUTER ILLUS	3
ART 261	GRAPHIC DESGN 1	3
HUM 160	ARCHITECTURAL HISTORY	3
Total Credit Hours		36

A minimum of 61 semester hours is required for the Associate of Applied Science Degree. Additional hours may be required based on major.

Code	Title	Credit Hours
<b>First Year Success Course or Transfer Success Course</b>		
FYS 101	FIRST YEAR SUCCESS COURSE	1
<b>Communication Requirement</b>		
ENG 101	COMPOSITION I: CRITICAL READING & WRITING	3
ENG 102	COMPOSITION II: INTRODUCTION TO ACADEMIC RESEARCH	3
COMM 101	PUBLIC SPEAKING	3
<b>Humanities and Fine and Performing Arts</b> 3		
3 credits from the following subject areas: African-American Studies, Art History, English (excluding ENG 101 and ENG 102), History, Languages, Music, Philosophy, Theatre, Communication and Women's and Gender Studies		
<b>Mathematics</b>		

MATH 110	QUANTITATIVE LITERACY (or higher based on major)	3
<b>Science</b>		<b>3-5</b>
One biological science or one physical science required		
<b>Social Sciences</b>		<b>3</b>
3 credits from the following subject areas: African-American Studies, Anthropology, Economics, History, Journalism, Philosophy, Political Science, Psychology, Sociology and Women's and Gender Studies		
<b>Experiential Learning</b>		<b>3</b>
3 credits from coursework categorized as Experiential Learning		
Total Credit Hours		25-27

Year 1		
Fall	Credit Hours Spring	Credit Hours
ENG 101	3 ENG 102	3
Social Science Choice	3 MATH 110	3
FYS 101	1 ACT 125	3
ACT 105	3 ACT 151	3
ACT 113	3 ART 203	3
ART 150	3	
		16
		15

Year 2		
Fall	Credit Hours Spring	Credit Hours
COMM 101	3 Humanities Choice	3
Natural Science Choice	4 Experiential Learning Choice	3
ACT 155	3 ACT 255	3
ACT 204	3 ACT 264	3
HUM 160	3 ART 261	3
		16
		15

Total Credit Hours 62