

# Alamance Community College

## 2021 Calendar Year

### Computer-Aided Drafting Technology • Semester by Semester

#### First Year

##### Fall 1st Semester

COURSE NUMBER	COURSE TITLE	CONTACT HOURS	CREDIT HOURS
DFT-111	Technical Drafting I	0	2
DFT-111A	Technical Drafting I Lab	3	1
DFT-151	CAD I	5	3
MEC-111	Machine Processes I	5	3
	Social/Behavioral Sciences	3	3
	Semester Total	16	12

#### First Year

##### Spring 2nd Semester

COURSE NUMBER	COURSE TITLE	CONTACT HOURS	CREDIT HOURS
DFT-112	Technical Drafting II	4	2
DFT-112A	Technical Drafting II Lab	3	1
DFT-152	CAD II	5	3
ENG-115	Oral Communication	3	3
PHY-110	Conceptual Physics	3	3
PHY-110A	Conceptual Physics Lab	2	1
	Semester Total	20	13

#### First Year

##### Summer 3rd Semester

COURSE NUMBER	COURSE TITLE	CONTACT HOURS	CREDIT HOURS
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COURSE NUMBER	COURSE TITLE	CONTACT HOURS	CREDIT HOURS
DFT-153	CAD III	5	3
MEC-210	Applied Mechanics	4	3
	Semester Total	9	6

## Second Year

### Fall 4th Semester

COURSE NUMBER	COURSE TITLE	CONTACT HOURS	CREDIT HOURS
ARC-114	Architectural CAD	4	2
DDF-211	Design Process I	7	4
DFT-154	Intro to Solid Modeling	5	3
MAC-121	Introduction to CNC	2	2
MEC-265	Fluid Mechanics	4	3
	Semester Total	22	14

## Second Year

### Spring 5th Semester

COURSE NUMBER	COURSE TITLE	CONTACT HOURS	CREDIT HOURS
DDF-212	Design Process II	0	4
DFT-254	Intermediate Solid Modeling & Rendering	5	3
	Humanities/Fine Arts Elective	3	3
MAC-124	CNC Milling	4	2
MEC-260	Fundamentals of Machine Design	5	3
	Semester Total	17	15

## Second Year

### Summer 6th Semester

COURSE NUMBER	COURSE TITLE	CONTACT HOURS	CREDIT HOURS
	Major Elective	-	2
	Semester Total	0	2

	TOTAL CREDITS	62
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