

# Alamance Community College

## 2021 Calendar Year

### Mechanical Engineering Technology • Semester by Semester

#### First Year

##### Fall 1st Semester

COURSE NUMBER	COURSE TITLE	CONTACT HOURS	CREDIT HOURS
BPR-111	Print Reading	3	2
DFT-111	Technical Drafting I	4	2
DFT-111A	Technical Drafting I Lab	3	1
DFT-151	CAD I	5	3
ENG-111	Writing and Inquiry	3	3
MAC-141	Machining Applications I	8	4
	Semester Total	26	15

#### First Year

##### Spring 2nd Semester

COURSE NUMBER	COURSE TITLE	CONTACT HOURS	CREDIT HOURS
COM-231	Public Speaking	3	3
EGR-150	Intro to Engineering	3	2
ELC-128	Introduction to Programmable Logic Controller	5	3
MEC-145	Manufacturing Materials I	5	3
MEC-260	Fundamentals of Machine Design	5	3
	Semester Total	21	14

#### First Year

##### Summer 3rd Semester

COURSE NUMBER	COURSE TITLE	CONTACT HOURS	CREDIT HOURS
DFT-153	CAD III	5	3
MEC-265	Fluid Mechanics	4	3
	Semester Total	9	6

## Second Year

### Fall 4th Semester

COURSE NUMBER	COURSE TITLE	CONTACT HOURS	CREDIT HOURS
DFT-154	Intro to Solid Modeling	5	3
EGR-250	Statics/Strength of Mater	7	5
ISC-132	Manufacturing Quality Control	5	3
	Semester Total	17	11

	TOTAL CREDITS	46
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