

# Alamance Community College

## 2021 Calendar Year

### Computer Integrated Machining Diploma • Semester by Semester

#### First Year

##### Fall 1st Semester

COURSE NUMBER	COURSE TITLE	CONTACT HOURS	CREDIT HOURS
MAC-141	Machining Applications I	8	4
MAC-121	Introduction to CNC	2	2
ACA-111	College Student Success	1	1
MAC-151	Machining Calculations	3	2
BPR-111		3	2
MAC-114	Introduction to Metrology	2	2
	Semester Total	19	13

#### First Year

##### Spring 2nd Semester

COURSE NUMBER	COURSE TITLE	CONTACT HOURS	CREDIT HOURS
MAC-122	CNC Turning	0	2
MAC-142	Machining Applications II	8	4
MAC-124	CNC Milling	4	2
MEC-110	Introduction to CAD/CAM	3	2
ENG-115	Oral Communication	3	3
	Semester Total	18	13

#### First Year

##### Summer 3rd Semester

COURSE NUMBER	COURSE TITLE	CONTACT HOURS	CREDIT HOURS
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<b>COURSE NUMBER</b>	<b>COURSE TITLE</b>	<b>CONTACT HOURS</b>	<b>CREDIT HOURS</b>
MEC-231	Computer-Aided Manufacturing I	5	3
ISC-111	Quality Control	2	2
MAC-228	Advanced CNC Processes	5	3
	Semester Total	12	8
	<b>TOTAL CREDITS</b>		<b>34</b>