

15
MONTHS**TO YOUR
FUTURE****CNC TECHNOLOGY**
ASSOCIATE OF APPLIED SCIENCE**SINCLAIR**
COLLEGE

The Associate of Applied Science degree is designed for students who are interested in course work focused on tool and manufacturing processes, computers in engineering technology, quality control, and Computer Numerical Control (CNC) applications. Sinclair's facilities and equipment rank among the best in the nation, with more than four million dollars in conventional machining equipment and CNC machines for laboratory use by students.

60 CREDIT HOURS**SEMESTER 1**

CAM 1109	Fundamentals of Tooling & Machining	3
CAM 1116	Fundamentals of CNC Operations	3
CAM 1141	Shop Floor Calculations I	3
COM 2206	Interpersonal Communication	3
MET 1131	PC Applications for Engineering Technology	1
OPT 1100	Tooling & Machining Metrology	2
	TOTAL	15

SEMESTER 2

CAM 1107	Principles of Manufacturing	3
CAM 1142	Shop Floor Calculations II	3
CAM 1214	CNC Mill Programming	3
CAM 2145	Shop Floor Programming	3
ENG 1101	English Composition I	3
	TOTAL	15

SEMESTER 3

CAM 1110	Advanced Machine Operations	3
CAM 2204	CNC Lathe Programming	3
CAM 2114	Jig & Fixture Design	3
CAM 2212	Computer Assisted Programming	3
MAT 1100	Math for Technologists	3
	TOTAL	15

SEMESTER 4

CAM 2225	Tool Design	3
CAM 2780	CAM Capstone	3
OPT 1113	Coordinate Measurement	3
OTM xxxx	Arts & Humanities elective	3
OTM xxxx	Social & Behavioral Science elective	3
	TOTAL	15

The suggested sequence presented here is designed for full-time students. Those who have not completed prerequisites, required DEV courses, or enroll part-time, will require additional semesters.

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