

 	<b>CAREER ENHANCEMENT CERTIFICATE</b> <b>INDUSTRIAL TECHNOLOGY – PRECISION</b> <b>MACHINING AND CNC PROGRAMMING</b> <i>The catalog in force is assigned to students based on the academic year they first applied to the college, and changes only when students change their major or request the change in writing. Refer to Policy No. 3357:15-13-28.</i>	<b>2023-24 Catalog</b> Effective Summer 2023  <div style="font-size: 2em; font-weight: bold;">4319</div>
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*Business, Engineering, and Information Technologies Division*

*Industrial Technology Department*

Course Number	Course Title	Credits	Pre- and Co-Requisites	Completed Sem./Year
AIT122	Machine Tools	4		
AIT123	Advanced Machine Tools	4	AIT122	
IET223	Computer Numerical Control	4		
AIT221	Advanced CNC Programming	3	IET223 <b>or</b> ARL121 <b>or</b> ARL122	
MST121	Blueprint Reading	2		
	<b>TOTAL CREDIT HOURS</b>	<b>17</b>		

### STUDENT ADVISING NOTES

#### Academic Advising

Students should make an appointment to see their advisor before registering for classes each semester. They should have prepared a completed registration form, including courses they wish to take, prior to this meeting.

#### First Semester

AIT122      Machine Tools

IET223      Computer Numerical Control

MST121      Blueprint Reading

#### Credit Hours

4

4

2

**10**

#### Pre- and Co-requisites

AIT122

IET223 **or** ARL121 **or** ARL122

#### Second Semester

AIT123      Advanced Machine Tools

AIT221      Advanced CNC Programming

4

3

**7**

**TOTAL CREDITS**

**17**