

 	<b>CAREER ENHANCEMENT CERTIFICATE</b> <b>MECHANICAL ENGINEERING TECHNOLOGY –</b> <b>DESIGN MAJOR</b> <b>PRECISION GAUGING AND INSPECTION</b>	<b>2023-24 Catalog</b> Effective Summer 2023
	<b>4005</b>	

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.

Business, Engineering, and Information Technologies Division

Engineering Technology Department

Course Number	Course Title	Credits	Pre- and Co-Requisites	Completed Sem./Year
DET121	Engineering Drawing	3		
DET124	Working Drawings	3	DET121 <b>and</b> Co-DET125	
DET125	Basic AutoCAD	3		
DET226	Geometric Dimensioning and Tolerancing	2	DET124	
IET270	Dimensional Metrology and Inspection I <sup>^</sup>	3	(MTH025 or Proficiency) <b>or</b> MTH107	
<b>TOTAL CREDIT HOURS</b>		<b>14</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

DET121	Engineering Drawing	3	
IET270	Dimensional Metrology and Inspection I <sup>^</sup>	<u>3</u>	(MTH025 or Proficiency) <b>or</b> MTH107
		<b>6</b>	

#### Second Semester

DET124	Working Drawings	3	DET121 <b>and</b> Co-DET125
DET125	Basic AutoCAD	<u>3</u>	
		<b>6</b>	

#### Third Semester

DET226	Geometric Dimensioning and Tolerancing	<u>2</u> 2	DET124
<b>TOTAL CREDITS</b>		<b>14</b>	

<sup>^</sup>Based on SSC placement scores