



CAVITE STATE UNIVERSITY  
ROSARIO CAMPUS  
Rosario, Cavite



OFFICE OF THE REGISTRAR

**CHECKLIST FOR THE  
BACHELOR OF SCIENCE IN INDUSTRIAL TECHNOLOGY (BSIT)  
MECHANICAL TECHNOLOGY**

Name \_\_\_\_\_  
Home Address \_\_\_\_\_  
Date of Entrance \_\_\_\_\_  
Degree \_\_\_\_\_  
High School \_\_\_\_\_

Nationality \_\_\_\_\_  
Date of Birth \_\_\_\_\_  
Date of Graduation \_\_\_\_\_  
Major \_\_\_\_\_  
Address \_\_\_\_\_

Course Number	COURSE TITLE	Credit Units		PRE - REQUISITE(S)	Sem./SY Taken	Professor/ Instructor	Final Rating
		Lec	Lab				
<b>FIRST YEAR</b>							
<i>First Semester</i>							
MECH 50	Metrology, Bench Work and Drillpress I	2	3				
MECH 55	Introduction to Machine Shop and Measurement	2	1				
MATH 2a	College Algebra	3					
PHSC 1	Physical Science including Earth Science	2	1				
ENGL 1	Study and Thinking Skills	2	1				
FILI 1	Komunikasyon sa Akademikong Filipino	3					
INDT 21	Introduction to Design		1				
SOSC 1	Society and Culture	3					
PHED 1	Physical Fitness & Aerobics	2					
NSTP 1		(3)					
	<b>Total</b>	<b>19</b>	<b>7</b>				

<i>Second Semester</i>							
MECH 60	Sheet Metal, Electric Arc Welding and Lathe Work	2	3	MECH 50			
MECH 65	Elementary Metallurgy and Heat Treatment	2	1	MECH 55			
INDT 22	Elementary Project Design		1	INDT 21			
MATH 4	Plane Trigonometry	3		MATH 2a			
ENGL 2	Writing in the Discipline	2	1	ENGL 1			
FILI 2	Pagbasa at Pagsulat Tungo sa Pananaliksik	3		FILI 1			
SOSC 2	General Psychology w/ Drug Education	3		SOSC 1			
ITEC 1	Introduction to Computer Concepts & Operation	2	1				
PHED 2	Rhythmic Activities	2		PHED 1			
NSTP 2		(3)					
	<b>Total</b>	<b>19</b>	<b>7</b>				

**SECOND YEAR**

*First Semester*

MECH 70	Drillpress II, Lathe Work II and Shaper Work	2	3	MECH 60			
MECH 75	Adv. Heat Treatment & Machine Shop Bench Work	2	1	MECH 65			
INDT 23	Advanced Project Design		1	INDT 22			
ENGL 6	Speech Communication	2	1	ENGL 1 & 2			
FILI 3	Masining na Pagpapahayag	3		FILI 1			
PHYS 1a	Mechanics and Heat	2	1	MATH 2a & 4			
ECON 1	General Economics	3					
HUMN 1	Art Education	3					
PHED 3	Individual-Dual Sports	2		PHED 1			
	<b>Total</b>	<b>19</b>	<b>7</b>				

*Second Semester*

MECH 80	Milling Work & Grinding Abrasive Machining	2	3	MECH 70			
MECH 85	Principles of Tool and Die	2	1	MECH 75			
INDT 24	Design of Industrial Products (CADD)		1	INDT 23			
PHYS 2a	Wave, Electromagnetism, Sounds & Light	2	1	PHYS 1a			
SOSC 3	Philippine History, Geography & Institution	3					
SOSC 5	Philippine Politics, Government & Constitution	3					
INDT 25	Fundamentals of Research/Feasibility Study	3					
ITEC 2	Computer Application	2	1	ITEC 1			
PHED 4	Team Sports	2		PHED 1			
	<b>Total</b>	<b>19</b>	<b>7</b>				

Course Number	COURSE TITLE	Credit Units		PRE - REQUISITE(S)	Sem./SY Taken	Professor/Instructor	Final Rating
		Lec	Lab				

**THIRD YEAR**  
First Semester

MECH 90	Industrial Planning & Maintenance, Element of Industrial Design and AutoCAD	2	3	MECH 80			
MECH 95	Project Study I	2	1	MECH 85			
LITT 1	Philippine Literature	3					
SOSC 6	Rizal's Life, Works & Writings	3					
INDT 26	Human Behavior in an Organization	3					
INDT 27	Work Ethics w/ Labor Code	3					
INDT 28	Seminar on Special Topics	3					
INDT 29	Technical Feasibility Study 1	2		INDT 25			
	<b>Total</b>	<b>21</b>	<b>4</b>				

Second Semester

MECH 100	CNC Programming and Operation (Lathe & Milling) and CAD Cam Programming	2	3	MECH 90			
MECH 105	Project Study II and Industrial Machines	2	1	MECH 95			
LITT 2	World Literature	3		LITT 1			
INDT 30	Industrial Supervision & Management	3					
INDT 31	Production Planning & Control Management	3					
HUMN 6	Social Philosophy	3		HUMN 1			
ENSC 26	Environmental Science	3					
INDT 32	Technical Feasibility Study 2	1		INDT 29			
	<b>Total</b>	<b>20</b>	<b>4</b>				

**FOURTH YEAR**

First Semester

MECH 110	On-the-Job Training	10.5		All academic courses			
	<b>Total</b>	<b>10.5</b>					

Second Semester

MECH 115	On-the-Job Training	10.5		MECH 110			
	<b>Total</b>	<b>10.5</b>					

**Total Lecture: 138**  
**Total Laboratory: 36**

