



CAVITE STATE UNIVERSITY
ROSARIO CAMPUS
Rosario, Cavite



OFFICE OF THE REGISTRAR

CHECKLIST FOR THE
BACHELOR OF SCIENCE IN INDUSTRIAL TECHNOLOGY (BSIT)
REFRIGERATION AND AIRCONDITIONING 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				
FIRST YEAR							
First Semester							
RAC 50	Principles of Electricity	2	3				
RAC 55	Basic Tools and Testing Equipment	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)					
	Total	19	7				

Second Semester							
RAC 60	Principles of Refrigeration	2	3	RAC 50			
RAC 65	Advance Test Equipment, Basic Controls and Troubleshooting	2	1	RAC 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)					
	Total	19	7				

SECOND YEAR							
First Semester							
RAC 70	Fundamentals of Airconditioning	2	3	RAC 60			
RAC 75	Airconditioning Installation & Troubleshooting	2	1	RAC 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			
	Total	19	7				

Second Semester							
RAC 80	Winding and Rewinding of Motors	2	3	RAC 70			
RAC 85	Preventive Maintenance & Troubleshooting Technique	2	1	RAC 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			
	Total	19	7				

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

THIRD YEAR
First Semester

RAC 90	Principles & Applications of Commercial Systems	2	3	RAC 80			
RAC 95	Installation & Service & Repair of Commercial System	2	1	RAC 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			
	Total	21	4				

Second Semester

RAC 100	Principles & Application of Absorption System	2	3	RAC 90			
RAC 105	Special Refrigeration System (Principles, Application Service and Repair)	2	1	RAC 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			
	Total	20	4				

FOURTH YEAR
First Semester

RAC 110	On-the-Job Training	10.5		All academic courses			
	Total	10.5					

Second Semester

RAC 115	On-the-Job Training	10.5		RAC 110			
	Total	10.5					

Total Lecture: 138
Total Laboratory: 36