NDDU VISION-MISSION STATEMENT

VISION

Notre Dame of Dadiangas University is a Catholic, Filipino Institution of Academic Excellence established by the Marist Brothers of the Schools (F.M.S.- Fratres Maristae a Scholis) characterized by St. Marcellin Champagnat's ideals of simplicity, humility and quiet zeal for God's work as inspired by the Blessed Virgin Mary. The school is dedicated to the formation of persons in all levels of learning, who, as Christian Leaders, Competent Professionals, Community-Oriented Citizens and Culture-Sensitive Individuals will actively participate in building a peaceful and progressive nation.

MISSION

- As a Catholic Educational Institution, NDDU shares in the Church's mission of evangelization by integrating life and faith;
- As a *Filipino Institution*, NDDU seeks to preserve Filipino Culture and propagate love of country and its people;
- As an Institution of Quality Education, NDDU aims leadership in Curricular Programs, Multi-Disciplinary Programs, Research, and Community Service;
- As a Marist Institution, NDDU promotes the core values of Family Spirit, Marian Spirit, Simplicity, Presence, Preference for the Least Favored, Love of Work, and Integrity of Creation; and
- As a Community-Oriented Institution, NDDU aims to respond to the challenges of the locality it is serving: South Cotabato, Sultan Kudarat, Sarangani Province and, General Santos City (SOCSKSARGEN Area).

COLLEGE OBJECTIVES

The College of Engineering and Technology aims to:

- Educate students to become Christian leaders, competent professionals, community oriented citizens, and culture sensitive individuals in order to contribute to the professional workforce in Engineering, Architecture, and Information Technology/
- Serve the Engineering, Architecture, and Information Technology professions and the society through excellence in research and innovation that discovers new knowledge and enable new technologies and systems
- 3. Embrace a culture of service to the local, national, and international communities.
- Equip students with employable skills along with a sense of social, moral and environmental responsibility.
- 5. Produce graduates highly specialized in civil, electrical, electronics, industrial, and computer engineering, information technology and Architecture that have a strong foundation in the basic physical, behavioral and social sciences and holistically consider the economic, social andenvironmental relevance to projects undertaken

For more information, please see The University Registrar or Call (083) 552 4444 local 2211, or visit us at www.nddu.edu.ph

COURSES OFFERED

Notre Dame of Dadiangas University started operating its high school department in 1953. In 1959 the school offered the following courses: Liberal Arts, Commerce and one (1) year Secretarial course. However, NDDU endeavors to keep up with the demands of the times and with the modern trends in education, as well as to contribute to the manpower building of the General Santos community and of the country. To attain these, it now offers more programs relevant to the needs of the country. The following are the programs:

I. POST GRADUATE

- Doctor in Management (DM) major in Human Resource Management
- Doctor of Philosophy in Education (Ph.D.Ed.)
- Doctor of Philosophy in Language Education (Ph.D.LE)
- Doctor of Philosophy in Science Education (Ph.D.Sci.Ed.) Major in Biology

II. GRADUATE with Accreditation Level

- Master in Business Administration (MBA) (Thesis & Non-Thesis) Level II
- Master in Public Administration (MPA) (Thesis & Non-Thesis) Level II
- Master of Arts in Education (MAEd) Level II

Areas of Specialization:

Mathematics, Guidance & Counseling,

Teaching English as a Second Language, Educational Management,

Science Education, Religious Education and Early Childhood Education

- Master in Engineering Program Major in Civil Engineering
- Master of Arts in Nursing (MAN)
- III. UNDERGRADUATE with Accreditation Level

Five Year Courses

- Bachelor of Science in Architecture (BSArch)
- Bachelor of Science in Pharmacy (BSPharma)

Four Year Courses

- Bachelor of Science in Civil Engineering (BSCE) Level II
- Bachelor of Science in Computer Engineering (BSCpE)
- Bachelor of Science in Electrical Engineering (BSEE) Level I
- Bachelor of Science in Electronics and Communications Engineering (BSECE)
- Bachelor of Science in Industrial Engineering (BSIE) Level II
- . Bachelor of Arts (AB) Level IV
- Major in: Political Science, English, Communication, and Psychology
- Bachelor of Science in Biology (BSBio)
- Bachelor of Science in Mathematics (BSM)
- Bachelor of Science in Accountancy (BSA) Level II
- Bachelor of Science in Business Administration (BSBA) Level IV
 Major in: Business Economics, Financial Management, Marketing
 Management, Human Resource Management
- Bachelor of Science in Entrepreneurship (BSEn)
- · Bachelor of Science in Hospitality Management (BSHM)
- Bachelor of Science in Internal Auditing (BSIA)
- Bachelor of Science in Management Accounting (BSMA)
- Bachelor of Science in Tourism Management (BSTM)
- Bachelor of Early Childhood Education (BECEd) Level IV
- Bachelor of Elementary Education (BEEd) Level IV
- Bachelor of Secondary Education (BSEd) Level IV
- Major in: English, Science, Mathematics, Religious Education
- Bachelor of Physical Education (BPEd)
- Bachelor of Special Needs Education Major in Elementary School Teaching (BSNEd)
- Bachelor of Science in Computer Science (BSCS) Level II
- Bachelor of Science in Entertainment and Multimedia Computing (BSEMC)
- Bachelor of Science in Environmental Planning (BSEP)
- Bachelor of Science in Information Technology (BSIT) Level II
- Bachelor of Library & Information Science (BLIS)
- Bachelor of Science in Medical Technology (BSMT)
- Bachelor of Science in Nursing (BSN) Level III

College of Engineering and Technology NOTRE DAME OF DADIANGAS UNIVERSITY

Marist Avenue, General Santos City



Course Catalogue

BACHELOR OF SCIENCE IN COMPUTER ENGINEERING

(Government Recognition No 028 s 2011)

Effective SY 2018 - 2019

THE FIVE-YEAR CURRICULUM LEADING TO THE DEGREE BACHELOR OF SCIENCE IN COMPUTER ENGINEERING

Per CHED Memorandum Order (CMO) No. 87 series of 2017 Effective SY 2018 – 2019*

COURSE DESCRIPTION:

Computer Engineering is a professional Engineering Discipline that embodies the science and technology of design, development, implementation, maintenance and integration of software and hardware components in modern computing systems and computer-controlled equipment.

Program Educational Objectives

At the end of the degree program, the students should :

- a.) be employed and promoted as computer engineers in construction, industry, government, academe, or in other related profession.
- b.) maintain state-of -the art knowledge through lifelong learning, such as graduate study, and continuing education.
- c.) have developed consciousness of the ethical, legal and social responsibility of Computer Engineersand of the environmental effects of computer engineering projects to the community by responding to the changing impact of computer engineering solutions in local and global context.
- d.) support thecomputer engineering profession through participation in professional societies, civic groups, and educational institutions.
- e.) exhibit strong communication, interpersonal, and resource-management skills as leaders in the computer engineering profession
- f.) imbibe in themselves the Christian values anchored on the ideals of St. Marcellin Champagnat by maintaining high standards of professional and ethical responsibility.

Program outcomes:

- a.) apply the basic mathematical and scientific concepts that underlie the modern field of computer Engineering
- b.) collect and analyze relevant data from experiments or research for the purpose of developing an engineering decision, design, or layout.
- c.) design a complex system or process to meet desired needs within realistic constraints such
 as economic, environmental, social, political, ethical, health and safety, manufacturability
 and sustainability.
- d.) work effectively and productively with others as a part of a multidisciplinary team
- e.) solve well-defined engineering problems in the different technical areas of computer engineering
- f.) determine the global, economic, environmental, and societal impacts of a specific relatively constrained engineering solution
- g.) analyze a complex situation involving multiple conflicting professional and ethical interests, to determine appropriate course of action
- h.) organize and deliver effective verbal, written, and graphical communication.
- i.) demonstrate the ability to engage in life-long learning and an acceptance of the need to keep current of the development in the specific field of specialization.
- j.) apply appropriate techniques skills, core principles of Computer Engineering in engineering practice
- k.) maintain an awareness of contemporary issues and contribute to the well-being of their communities.
- I.) Integrate Christian values anchored on the ideals of St. Marcellin Champagnat as they carry out the professional and ethical responsibilities of the Computer Engineering profession
- EE Students are required to maintain a minimum final grade of 2.75 in all Technical courses, and a Grade point average (GPA) of 2.50 in order to be retained in the BSEE program.
- Technical courses include: Mathematics, Natural Physical Sciences (NPS), Basic Engineering Sciences (BES), Allied courses (AC), Professional courses: (PC-CC)-Core Courses, (Elec) - Electives

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de	Cat.#	Descriptive Title	Hrs. Lec	/Wk Lab	Unit s	Pre-Req
	RE 111	Salvation Hist. Old Testament	3	0	3	
	GE 3	Mathematics in the Modern World	3	0	3	
	GE 5	Purposive Communication	3	0	3	
	GE 10	KontekstwalisadongKomunikasyonsa Filipino	3	0	3	
	MATH 115	Differential Calculus	5	0	5	
	CHEM 113	Chemistry for Engineers (Lec)	3	0	3	
	CHEM 114	Chemistry for Engineers (Lab)	0	3	1	
	CPE-PC110	Computer Engineering as a Discipline	1	0	1	
	CPE-PC 111	Programming Logic and Design	0	6	2	
	PE 1	Physical Fitness & Self-Testing Activities	2	0	2	
	PGS 1	Personal Growth Session 1	3	0	0	
	Total		26	9	26	
		FIRST YEAR – SECOND SEM	EST	ER		
	RE 112	Christology	3	0		RE 111
	Math 220	Integral Calculus	5	0	5	MATH 115
	PHYS 212	Physics for Engineers – lec (NPS)	3	0	3	MATH 115,
	PHYS 213	Physics for Engineers – lab (NPS)	0	3	1	Math220(co-req)
	BES 120	Computer Aided Drafting	0	3		` "
	CPE-PC 120	Object Oriented programming	0	6	2	CPE-PC 111
	CPE-PC 121	Discrete Mathematics	3	0		MATH 115
	PE 2	Rhythmic Activities	2	0		PE 1
	PGS 2	Personal Growth Session 2	3	0	0	
	Total		19	12	20	
		FIRST YEAR – SUMME	R			
	NSTP 1	Nat'l Service Training Prog 1		0	3	
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	NSTP 1		3	0	3	
		Nat'l Service Training Prog 2		_		
	NSTP2	Nat'l Service Training Prog 2	3 6	0	3 6	
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	NSTP2 Total RE 113	Nat'l Service Training Prog 2 SECOND YEAR – FIRST SE Christian Faith	3 6 =MI= 3	0 0 STI	3 6 ∃ R	RE 112
	NSTP2 Total RE 113 GE 6	Nat'l Service Training Prog 2 SECOND YEAR – FIRST SI Christian Faith Science, Technology & Society	3 6 3 3 3	0 0 STI	3 6 3 3	
	NSTP2 Total RE 113 GE 6 GE 7	Nat'l Service Training Prog 2 SECOND YEAR – FIRST SE Christian Faith Science, Technology & Society Art Appreciation	3 6 3 3 3	0 0 STI: 0 0 0	3 6 ■R 3 3	
	NSTP2 Total RE 113 GE 6 GE 7 MATH 200	Nat'l Service Training Prog 2 SECOND YEAR – FIRST SE Christian Faith Science, Technology & Society Art Appreciation Engineering Data Analysis	3 6 =MI= 3 3 3	0 0 STI 0 0 0 0	3 6 3 3 3 3	MATH 115
	NSTP2 Total RE 113 GE 6 GE 7 MATH 200 MATH 226	Nat'l Service Training Prog 2 SECOND YEAR – FIRST SE Christian Faith Science, Technology & Society Art Appreciation Engineering Data Analysis Differential Equations	3 6 3 3 3	0 0 STI: 0 0 0	3 6 3 3 3 3	MATH 115 MATH 220
	NSTP2 Total RE 113 GE 6 GE 7 MATH 200	Nat'l Service Training Prog 2 SECOND YEAR – FIRST SE Christian Faith Science, Technology & Society Art Appreciation Engineering Data Analysis	3 6 3 3 3 3	0 0 0 0 0 0 0	3 6 3 3 3 3	MATH 115 MATH 220 Phys212,213
	RE 113 GE 6 GE 7 MATH 200 MATH 226 EE-PC 210	Nat'l Service Training Prog 2 SECOND YEAR – FIRST SI Christian Faith Science, Technology & Society Art Appreciation Engineering Data Analysis Differential Equations Electrical Circuits 1	3 6 =MI= 3 3 3	0 0 STI: 0 0 0 0 0	3 6 3 3 3 3 4	MATH 115 MATH 220 Phys212,213 Math220
	NSTP2 Total RE 113 GE 6 GE 7 MATH 200 MATH 226 EE-PC 210 CPE-PC 210	Nat'l Service Training Prog 2 SECOND YEAR – FIRST SI Christian Faith Science, Technology & Society Art Appreciation Engineering Data Analysis Differential Equations Electrical Circuits 1 Data Structures and Algorithms Recreational activities(individual &dual	3 6 3 3 3 3 3 3	0 0 0 0 0 0 0 0 3 6	3 6 3 3 3 3 3 4 2	MATH 115 MATH 220 Phys212,213 Math220 CPE-PC 120
	RE 113 GE 6 GE 7 MATH 200 MATH 226 EE-PC 210 CPE-PC 210	Nat'l Service Training Prog 2 SECOND YEAR – FIRST SI Christian Faith Science, Technology & Society Art Appreciation Engineering Data Analysis Differential Equations Electrical Circuits 1 Data Structures and Algorithms	3 6 3 3 3 3 3 3 0	0 0 0 0 0 0 0 0 0	3 6 3 3 3 3 3 4 2	MATH 115 MATH 220 Phys212,213 Math220 CPE-PC 120 PE 1
	NSTP2 Total RE 113 GE 6 GE 7 MATH 200 MATH 226 EE-PC 210 CPE-PC 210	Nat'l Service Training Prog 2 SECOND YEAR – FIRST SI Christian Faith Science, Technology & Society Art Appreciation Engineering Data Analysis Differential Equations Electrical Circuits 1 Data Structures and Algorithms Recreational activities(individual &dual sports)	3 6 3 3 3 3 3 3 0 2	0 0 0 0 0 0 0 0 0	3 6 3 3 3 3 3 4 2 2	MATH 115 MATH 220 Phys212,213 Math220 CPE-PC 120 PE 1
	RE 113 GE 6 GE 7 MATH 200 MATH 226 EE-PC 210 CPE-PC 210 PE 3 Total	Nat'l Service Training Prog 2 SECOND YEAR – FIRST SI Christian Faith Science, Technology & Society Art Appreciation Engineering Data Analysis Differential Equations Electrical Circuits 1 Data Structures and Algorithms Recreational activities(individual &dual sports) SECOND YEAR – SECOND SE	3 6 3 3 3 3 3 3 3 0 2 20 MI=S	0 0 0 0 0 0 0 0 0	3 6 3 3 3 3 3 4 2 2 2 23	MATH 115 MATH 220 Phys212,213 Math220 CPE-PC 120 PE 1
	RE 113 GE 6 GE 7 MATH 200 MATH 226 EE-PC 210 CPE-PC 210 PE 3 Total	Nat'l Service Training Prog 2 SECOND YEAR – FIRST SI Christian Faith Science, Technology & Society Art Appreciation Engineering Data Analysis Differential Equations Electrical Circuits 1 Data Structures and Algorithms Recreational activities(individual &dual sports) SECOND YEAR – SECOND SE The Church	3 6 3 3 3 3 3 3 3 0 2 20 MI=8	0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 6 3 3 3 3 3 4 2 2 2 23 R	MATH 115 MATH 220 Phys212,213 Math220 CPE-PC 120 PE 1
	RE 113 GE 6 GE 7 MATH 200 MATH 226 EE-PC 210 CPE-PC 210 PE 3 Total	Nat'l Service Training Prog 2 SECOND YEAR – FIRST SI Christian Faith Science, Technology & Society Art Appreciation Engineering Data Analysis Differential Equations Electrical Circuits 1 Data Structures and Algorithms Recreational activities(individual &dual sports) SECOND YEAR – SECOND SE The Church Understanding the self	3 6 3 3 3 3 3 3 0 2 20 MI=S	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 6 3 3 3 3 3 3 4 2 2 2 23 R 3 3	MATH 115 MATH 220 Phys212,213 Math220 CPE-PC 120 PE 1
	RE 113 GE 6 GE 7 MATH 200 MATH 226 EE-PC 210 CPE-PC 210 PE 3 Total RE 114 GE 1 BES 223	Nat'l Service Training Prog 2 SECOND YEAR – FIRST SI Christian Faith Science, Technology & Society Art Appreciation Engineering Data Analysis Differential Equations Electrical Circuits 1 Data Structures and Algorithms Recreational activities(individual &dual sports) SECOND YEAR – SECOND SE The Church Understanding the self Engineering Economy	3 6 3 3 3 3 3 3 0 2 20 MI=8 3 3 3 3	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 6 3 3 3 3 3 4 2 2 2 2 8 8 3 3 3 3 3 3 3 3 3 3 3 3 3 3	MATH 115 MATH 220 Phys212,213 Math220 CPE-PC 120 PE 1 RE 113 2rd yr standing
	RE 113 GE 6 GE 7 MATH 200 MATH 226 EE-PC 210 CPE-PC 210 PE 3 Total RE 114 GE 1 BES 223 EAC 221	Nat'l Service Training Prog 2 SECOND YEAR – FIRST SECOND YEAR – FIRST SECOND YEAR – FIRST SECOND SECOND YEAR – FIRST SECOND SECOND YEAR – YEA	3 6 3 3 3 3 3 3 0 2 20 MI=8 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 6 8 3 3 3 3 3 4 2 2 2 2 23 8 3 3 3 4 4 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4	MATH 115 MATH 220 Phys212,213 Math220 CPE-PC 120 PE 1 RE 113 2rd yr standing EE-PC 210
	RE 113 GE 6 GE 7 MATH 200 MATH 226 EE-PC 210 CPE-PC 210 PE 3 Total RE 114 GE 1 BES 223 EAC 221 CPE-PC 220	Nat'l Service Training Prog 2 SECOND YEAR – FIRST SI Christian Faith Science, Technology & Society Art Appreciation Engineering Data Analysis Differential Equations Electrical Circuits 1 Data Structures and Algorithms Recreational activities(individual &dual sports) SECOND YEAR – SECOND SE The Church Understanding the self Engineering Economy	3 6 3 3 3 3 3 3 0 2 20 20 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 6 8 3 3 3 3 3 4 2 2 2 2 23 8 3 3 3 4 4 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4	MATH 115 MATH 220 Phys212,213 Math220 CPE-PC 120 PE 1 RE 113 2rd yr standing EE-PC 210 MATH 226
	RE 113 GE 6 GE 7 MATH 200 MATH 226 EE-PC 210 CPE-PC 210 PE 3 Total RE 114 GE 1 BES 223 EAC 221	Nat'l Service Training Prog 2 SECOND YEAR – FIRST SECOND YEAR – FIRST SECOND YEAR – FIRST SECOND SECOND YEAR – FIRST SECOND SECOND YEAR – YEA	3 6 3 3 3 3 3 3 0 2 20 20 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 6 8 3 3 3 3 3 4 2 2 2 2 23 8 3 3 3 4 4 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4	MATH 115 MATH 220 Phys212,213 Math220 CPE-PC 120 PE 1 RE 113 2rd yr standing EE-PC 210 MATH 226
	RE 113 GE 6 GE 7 MATH 200 MATH 226 EE-PC 210 CPE-PC 210 PE 3 Total RE 114 GE 1 BES 223 EAC 221 CPE-PC 220	Nat'l Service Training Prog 2 SECOND YEAR – FIRST SI Christian Faith Science, Technology & Society Art Appreciation Engineering Data Analysis Differential Equations Electrical Circuits 1 Data Structures and Algorithms Recreational activities(individual &dual sports) SECOND YEAR – SECOND SE The Church Understanding the self Engineering Economy Electronic Circuits: Devices &Analysis Numerical Methods	3 6 3 3 3 3 3 3 0 2 20 20 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 6 8 3 3 3 3 3 3 4 2 2 2 2 3 3 3 3 3 4 2 2 4 3 3 4 4 4 3 3 4 4 4 4	MATH 115 MATH 220 Phys212,213 Math220 CPE-PC 120 PE 1 RE 113 2rd yr standing EE-PC 210 MATH 226 CPE-PC 210

Prepared By: ENGR. SHIELA A. SORIÑO, MEE
Dean, College of Engineering & Technology

DR. JOSE DAGOC, JR., RN Vice President for Academics

Noted By: ENGR. JHAN JKEM B. FONTANILLA, MSCE Supervising Education Program Specialist

DR. MAXIMO C. ALJIBE, CESO III Director IV, CHED Regional Office

RE 115	THIRD YEAR – FIRST SEMESTER									
RE 115	Grade	Cat.#	Descriptive Title			Units	Pre-Reg			
IE-PC 313 Basic Occupational Safety and Health GPE-PC 310 Operating Systems 3 0 3 GPE-PC 210 Operating Systems 3 0 3 GPE-PC 312 Operating Systems 3 0 3 GPE-PC 312 Operating Systems 3 0 3 GPE-PC 313 Operating Systems 3 0 3 GPE-PC 314 Fund. of Mixed Signals and Sensors 3 0 3 GPE-PC 315 Genputer Engineering Drafting and Design 0 3 1 GPE-PC 315 Genputer Engineering Drafting and Design 0 3 1 GPE-PC 315 Genputer Engineering Drafting and Design 0 3 1 GPE-PC 312 Operating Systems 3 0 3 GPE-PC 312 Op			·				•			
Health			Basic Occupational Safety and							
CPE-PC 311		IE-PC 313		3	0	3	3 rd yr standing			
CPE-PC 311		CPE-PC 310	Operating Systems	3	0	3	CPE-PC 210			
CPE-PC 312					0	3				
CPE-PC 314		CPE-PC 312	Logic Circuits and Design	3	3	4	EAC 221			
CPE-PC 314		CPE-PC 313	Introduction to HDL	0	3	1				
CPE-PC 315 Computer Engineering Drafting and Design		CPE-PC 314	Fund. of Mixed Signals and Sensors	3	0	3	EAC 221			
CPE-EC 1		CPE-PC 315	Computer Engineering Drafting and	0	3	1	EAC 221			
Total		005 50 4					3rd vr standing			
RE 116			Network Administration 1				· /· · · · · · · · · · · · · · · · · ·			
RE 116		I otal								
BES 320 Technopreneurship 3 0 3 3rd year standing CPE-PC 320 Methods of Research 2 0 2 CPE-PC 312 CPE-PC 312 CPE-PC 312 CPE-PC 321 CPE-PC 322 Microprocessors 3 3 4 CPE-PC 312 CPE-PC 322 Microprocessors 3 3 4 CPE-PC 312 CPE-PC 323 Feedback and Control Systems 3 0 3 EE-PC 210		DE 440					DE 445			
CPE-PC 320 Methods of Research 2 0 2 CPE-PC 312										
CPE-PC 321 Computer Networks and Security 3 3 4 CPE-PC 312		BES 320	Technopreneurship	3	0	3	3rd year standing			
CPE-PC 322 Microprocessors 3 3 4 CPE-PC 312		CPE-PC 320	Methods of Research	2	0		CPE-PC 312			
CPE-PC 323 Feedback and Control Systems 3			Computer Networks and Security							
CPE-PC 323		CPE-PC 322	Microprocessors	3	3	4				
CPE-PC 324 CpE Laws and Professional Practice 2 0 2 3rd year standing		CPE-PC 323	Feedback and Control Systems							
CPE-EC2			1							
CPE-EC2		CPE-PC 324		2	0	2	3 rd year standing			
Total		005 500		_	•	_	005 504			
THIRD YEAR - SUMMER	-		Network Administration 2				CPE-EC1			
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GE 2 Readings in Philippine History 3 0 3			On the Job Training		3	3	4thyr standing			
GE 2						3				
GE 8					₽SI	ΕR				
EAC 410B		-								
CPE-PC 410 CpE Practice and Design 1 0 3 1 CPE-PC 322, CPE-PC 411 Embedded Systems 3 3 4 CPE-PC 323										
CPE-PC 410 CPE Practice and Design 1		EAC 410B	Environmental Science &Eng'g	2	0	2				
CPE-PC 412 Computer Architecture and Organization 3 3 4 CPE-PC 322 CPE-PC 414 Digital Signal Processing 3 3 4 CPE-PC 323 Elective Course 3 - System and CPE-EC3 Network Administration 3 3 0 3 CPE-EC2 Total 20 12 24 FOURTH YEAR - SECOND SEMIESTER GE 4 Contemporary World 3 0 3 GE 11 Filipino saiba'tibangdisiplina 3 0 3 GE 13 Sosyedad at literatura/panitikangpanlipunan 3 0 3 CPE-PC 420 CpE Practice and Design 2 0 6 2 CPE-PC 410 CPE-PC 421 Emerging Technologies in CpE 3 0 3 4th year standir CPE-PC 422 Seminars & Field Trips 0 3 1 4th year standir GE 9 Life & works of Rizal 3 0 3 Total 15 9 18			,				CPE-PC 323			
CPE-PC 412 Organization 3 3 4 CPE-PC 322		CPE-PC 411	Embedded Systems	3	3	4	CPE-PC 322			
Elective Course 3 - System and Network Administration 3 3 0 3 CPE-EC2			Organization							
CPE-EC3 Network Administration 3 3 0 3 CPE-EC2		CPE-PC 414	Digital Signal Processing	3	3	4	CPE-PC 323			
Total 20 12 24		ODE E02	Elective Course 3 - System and	2	^	,	ODE EGG			
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GE 13										
CPE-PC 420 CpE Practice and Design 2 0 6 2 CPE-PC 410	-	GE 11		3	U					
CPE-PC 421 Emerging Technologies in CpE 3 0 3 4th year standir CPE-PC 422 Seminars & Field Trips 0 3 1 4th year standir GE 9 Life & works of Rizal 3 0 3 Total 15 9 18			literatura/panitikangpanlipunan							
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GE 9							,			
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