Republic of the Philippines
OFFICE OF THE PRESIDENT
COMMISSION ON HIGHER EDUCATION

CHED MEMORANDUM ORDER (CMO)
NO. 13;
Series of 1999

SUBJECT : **CURRICULAR GUIDELINES FOR ARCHITECTURE EDUCATION**

X - X

In accordance with the pertinent provisions of Republic Act (RA) No. 7722 otherwise known as the "Higher Education Act of 1994", and by virtue of Resolution No. R205-97, series 1997 of the Commission, and in order to make architecture education relevant to local conditions, linked to industry, and at the same time internationally competitive, this Curricular Guidelines is hereby adopted and promulgated by the Commission for the guidance of all Higher Education Institutions (HEIs) offering baccalaureate degree program in architecture, thus:

A. Baccalaureate Degree Program in Architecture

Architecture is that profession in which knowledge of mathematics, arts and natural sciences gained by study, experience, and practice is applied with judgment to develop ways to economically utilize the materials and forces of nature for the benefit of mankind. Architecture education prepares the graduate to pursue a progressive and productive architecture career that is characterized by continued professional growth.

The baccalaureate degree in architecture should develop in the student the ability to apply pertinent knowledge to the practice of architecture in an effective and professional manner. Among these are the development of: (1) the ability to describe and solve in practical ways the problems of society which are open to architecture solution, (2) a sensitivity to the socially-related technical problems which confront the profession, (3) an understanding of the ethical characteristics of the architecture profession and practice, (4) an understanding of the architect's responsibility to preserve the environment, (5) an ability to maintain professional competence through life-long learning, and (6) an ability to communicate technical ideas to other sectors. These objectives are normally achieved through a curriculum in which there is a progression in the course work and in which basic scientific training in the lower years is applied in the professional architecture course.

This curricular guidelines shall be applicable to the Bachelor of Science in Architecture program.

B. Curriculum

The architecture program is normally taken by a full-time student in ten semesters or equivalent. It comprises of 172 minimum credit units of technical courses and 47 minimum credit units of non-technical courses.

The curriculum contents, format specifications and suggested curricular structure are supplied in Appendix A

C. Description of Courses

The course descriptions are supplied to guide the institutions in designing their architecture curriculum. Although these can be considered as complete courses, they may be modified by the institution to suit the particular objective and requirement. Addition of units to any particular course is allowable provided this is matched by an actual increase in the course content/description. Topics within a course may also be incorporated on the fly into other courses. For example, mathematics may be discussed on an as-needed basis.

D. Computer Applications

Wherever applicable, practicable and/or available the use of computer and/or specific applications software shall be incorporated in the technical courses. These shall be appropriately indicated in the course syllabi.

E. Faculty

All technical courses shall be taught by licensed architects or their equivalent, as per the requirement of the Professional Regulation Commission (PRC). Moreover, professional architecture courses shall be taught by, or under the supervision, of licensed professional architects or their equivalent. Equivalent would mean holders of masteral or doctoral degrees, who specialized in the specific course (subject matter), or a practicing architect with at least 10 years of experience in industry in the course or topic.

Remuneration of faculty is supplied in Appendix B.

F. Syllabus

All architecture schools shall maintain and use updated syllabi, indicating among others: course title, scope, learning objectives, subject outline indicating hours of instruction, examinations, project(s)/research(es), textbook(s)/course materials and references, teaching aid(s) and grading system.

As mentioned above computer applications and environmental issues and considerations shall be incorporated in all applicable syllabi.

G. Streaming

The rapid development of technology has brought about numerous specializations in the field of architecture. Higher education institutions offering architecture program have the option to designate specific stream(s) of specialization appropriate to their mission, vision and objectives. This may be accomplished through institutional electives.

H. Textbooks and Other Course Materials

Architecture schools shall use textbooks and reference materials which are internationally updated. Exception to these are courses the contents of which normally do not change within short periods of time, e.g., mathematics, and basic architecture sciences.

I. Facilities

The architecture program must be supported by adequate physical facilities, including office and classroom space, laboratories, and shop facilities suitable for the scope of the program's activities.

Architecture library should have adequate books, journals, and other reference materials for reading in connection with the instructional and research activities and professional work. The library collection should reflect the existence of an active acquisition policy; this policy should include specific acquisitions on the request and recommendation of the architecture faculty. There should also be arrangements for computer-accessible information centers and inter-library loan services for both books and journals. The library collections, whether centralized or localized, should be readily available for use with the assistance of a trained library staff, or through an open-shelve system, or both.

Computer facilities available to the architecture students and faculty must be adequate so as to encourage the use of computers as part of the archtitecture education experience. These facilities must be appropriate for architecture applications such as architecture computation, modeling and simulation, computer-assisted design, and laboratory applications. Moreover, the facilities should have reasonable turnaround and response time and a competent support staff.

Laboratory facilities must reflect the requirements of the offered architecture program. Both instructional and research laboratories should maintain adequate quantity and type of equipment and instruments commensurate to the number of students and faculty.

The list of minimum laboratory equipment requirements is supplied in separate guidelines.

2. Transitory Provisions

In order for the schools to appropriately and adequately comply with the academic and administrative requirements of this CMO, the deadline for the completion of the revised curricula is hereby set for November 1998, retroactive to Collegiate Year 1998 - 1999. However, all incoming students who will be affected by such change of curriculum shall be notified by school officials as soon as practicable.

3. Repeal

Any and all administrative issuances which are contrary to or inconsistent with any of the provisions herein are hereby automatically deemed repealed, amended, revised and/or modified accordingly.

4. Effectivity

This CMO shall take effect beginning Collegiate Year (CY) 1998 - 1999.

SO ORDERED.

Pasig City, Philippines, April 16, 1999.

FOR THE COMMISSION :

ANGEL C. ALCALA
Chairman

APPENDIX A

Curriculum Contents, Format Specifications and Suggested Curricular Structure

Curriculum Contents and Format Specifications
Summary of Course Requirements

	Min Lec Hrs	*Min Lab Hrs*	*Min Credit Units*
I. TECHNICAL COURSES			
A. Mathematics			
College Algebra	3	0	3
Geometry	3	0	3
Plane Trigonometry	3	0	3
Differential Calculus	3	0	3
Integral Calculus	3	0	3
Sub-Total	15	0	15
B. Physical and Natural Sciences			
NS: Physics 1	2	3	3
NS: Physics 2	2	3	3
Man, Environment and Society	3	0	3
Sub-Total	10	6	9
C. Basic Engineering Sciences			
Statics of Rigid Bodies	3	0	3
Strength of Materials	3	0	3
Theory of Structures	3	0	3
Structural Design of Timber	3	0	3
Structural Design of Steel	3	0	3
Structural Des of Reinforced Concrete	3	0	3
Plane Surveying	1	3	2
Sub-Total	19	3	20
D. Professional Courses			
Design 1	1	3	2
Design 2	1	3	2
Design 3	1	6	3
Design 4	1	6	3
Design 5	1	9	4
Design 6	1	9	4
Design 7	1	12	5
Design 8	1	12	5
Design 9	1	12	5
Design 10	1	12	5
CADD	1	3	3

	Min Lec Hrs	Min Lab Hrs	Min Credit Units
History of Architecture 1	3	0	3
History of Architecture 2	3	0	3
History of Architecture 3	3	0	3
Building Technology 1	3	0	3
Building Technology 2	2	3	3
Building Technology 3	2	3	3
Building Technology 4	2	3	3
Building Utilities 1	3	0	3
Building Utilities 2	3	0	3
Building Utilities 3	3	0	3
Planning 1	3	0	3
Planning 2	3	0	3
Planning 3	3	0	3
Professional Practice 1	3	0	3
Professional Practice 2	3	0	3
Professional Practice 3	3	0	3
Professional Practice 4	3	0	3
Research Methods for Architecture	3	0	3
Theory of Architecture 1	3	0	3
Theory of Architecture 2	3	0	3
Theory of Architecture 3	3	0	3
Sub-Total	71	96	107
E. Allied Courses			
Graphics 1	1	6	3
Graphics 2	1	6	3
Visual Techniques 1	1	3	2
Visual Techniques 2	1	3	2
Visual Techniques 3	1	3	2
Sub-Total	5	21	12
F. Electives			
General Psychology	3	0	3
G. Specialization*			
Specialization	3	0	3
Specialization	3	0	3
Specialization	3	0	3
Sub-Total	12	0	12
TOTAL (Technical Courses)	**129**	**126**	**172**

* NOTE : The school has the prerogative which specialization to offer as long as it totals 9 units. The different specialization areas are as follows - Housing, Physical Planning, Building Technology, Architectural Design.

	Min Lec Hrs	*Min Lab Hrs*	*Min Credit Units*	
II. NON-TECHNICAL COURSES (*GEC mandated subjects*)				
A. Languages, Humanities & Social Sciences				
English 1	3	0	3	
English 2	3	0	3	
Pilipino 1	3	0	3	
Pilipino 2	3	0	3	
Literature 1	3	0	3	
Literature 2	3	0	3	
Philosophy	3	0	3	
Humanities	3	0	3	
	24	0	24	
B. Government Mandated Subjects				
Taxation & Agrarian Reform[*]		3	0	3
Philippine Government	3	0	3	
Life & Works of Rizal	3	0	3	
P.E. 1	2	0	2	
P.E. 2	2	0	2	
P.E. 3	2	0	2	
P.E. 4	2	0	2	
C.M.T. 1	0	4.5	1.5	
C.M.T. 2	0	4.5	1.5	
C.M.T. 3	0	4.5	1.5	
C.M.T. 4	0	4.5	1.5	
	17	20.0	23.0	
TOTAL (Non-Technical Courses)	**41**	**18**	**47**	
GRAND TOTAL	**161**	**141**	**129**	

[*] NOTE: All subjects that were italicized are GEC (General Education Curriculum) subjects

NEW GENERAL EDUCATION CURRICULUM

		UNITS	
		CHED	*UST*
1.	Language and Humanities	21	21
	English	9	6
	Filipino	6	6
	Humanities Subjects (e.g. Literature, Art, Philosophy)	6	3
2.	Mathematics, Natural Sciences and Information Technology	15	
	Mathematics	6	15
	Natural Sciences	6	9
	Elective (e.g. Mathematics, Natural Sciences, Information Technology)	3	3
3.	Social Sciences	15	
	Philippine History		3
	General Psychology		3
	Philippine Govt. and National Constitution		3
	Economics / Taxation and Land Reform		
	Sociology , Family Planning or		
	Anthropology and Family Planning		
4.	Life and Works of Rizal	3	3

CURRICULUM CONTENTS AND FORMAT SPECIFICATIONS
Description of Courses

I. TECHNICAL COURSES

A. Mathematics

COLLEGE ALGEBRA

Introduction to theories, relations, functions, operations and expressions in general algebra. 3 units (3 lecture hours per week).

Prerequisite: None

PLANE TRIGONOMETRY

Generalized functions, identities, logarithms, and applications of trigonometry 3 units (3 lecture hours per week)

Prerequisite: None

GEOMETRY (Analytic & Descriptive Geometry)

Coordinate systems, equations of conic sections, higher plane curves, transformations and space loci of geometric figures. 3 units (3 lecture hours per week)

Prerequisite: College Algebra & Plane Trigonometry

DIFFERENTIAL CALCULUS

Derivatives and their applications related time rates, curve tracing and application of differential calculus. 3 units (3 lecture hours per week).

Prerequisite: Analytic & Descriptive Geometry

INTEGRAL CALCULUS

Integration methods, vectors, integrals and series expansion of functions; concepts of differential equations. 3 units (3 lecture hours per week).

Prerequisite: Differential Calculus

B. PHYSICAL AND NATURAL SCIENCES

PHYSICS I

Basic concepts of mechanics, heat and sound. 3 units (2 lecture hours and 3 laboratory hours per week).

Pre-requisite: College Algebra and Plane Trigonometry

PHYSICS 2

Basic concepts of magnetism, electricity, light and optics. 3 units (2 lecture hours and 3 laboratory hours per week).

Pre-requisite: Physics 1

EARTH AND LIFE SCIENCES

Study of the forces that shape the setting for life and how life itself developed in this world; study of botany and other related courses. 3 units (3 lecture hours per week).

Pre-requisite: None

MAN, ENVIRONMENT AND SOCIETY

Study of the environment and the impact of man's development on social goals and nature. 2 units (2 lecture hours per week).

Pre-requisite: None

C. BASIC ENGINEERING SCIENCES

ES 1 (STATICS OF RIGID BODIES)

Fundamentals of mechanics: their application to problems involving static equilibrium; vector representations of forces and moments. 3 units (3 lecture hours per week).

Pre-requisites : Analytic & Descriptive Geometry Physics 1

ES 2 (STRENGTH OF MATERIALS)

The behavior, analysis and design of structural members subjected to forces based on equilibrium and materials properties. 3 units (3 lecture hours per week)

Pre-requisites: Statics of Rigid Bodies & Integral Calculus

ES 3 (THEORY OF STRUCTURES)

Analysis of statistically determinate and indeterminate trusses, beams and frames: reactions, axial forces, shears, moments and deflections influence lines; analysis of structures subjected to dynamic loads. 3 units (3 lecture hours per week).

Pre-requisites: Strength of Materials

AS 1 (STRUCTURAL DESIGN OF TIMBER)

Design of simple structural elements in timber connections. 3 units (3 lecture hours per week).

Pre-requisite: Theory of Structures

AS 2 (STRUCTURAL DESIGN OF STEEL)

Design and analysis of structural steel. 3 units (3 lecture hours per week).

Pre-requisite: Theory of Structures

AS 3 (STRUCTURAL DESIGN OF REINFORCED CONCRETE)

Principles and design of reinforced concrete. 3 units (3 lecture per week).

Pre-requisite: Theory of Structures

SUR 1 (PLANE SURVEYING)

Theory and use of surveying instruments including tape, transit, level and stadia: methods of running traverse and levelling. 2 units (1 lecture hour & 3 laboratory hours per week).

Pre-requisites: College Algebra, Plane Trigonometry

D. PROFESSIONAL COURSES

DESIGN 1 (Introduction to Design)

Elements of Architecture. Architectural interiors and landscape architectural design. 2 units (1 lecture hour & 3 studio hours per week).

Prerequisite : None

DESIGN 2 (Creative Design Fundamentals)

Design exercises involving anthropometrics, modular coordination, functional inter-relationships and activity circuits. 2 units (1 lecture hour & 3 studio hours per week).

Pre-requisite: Design 1

DESIGN 3 (Creative Design in Architecture, Architectural Interiors and Landscape Architecture)

Design exercises on problems stressing the value of spatial functions, orientation, microclimate, ventilation and spatial relationships including ecological considerations. 3 units (1 lecture hour & 6 studio hours per week).

Pre-requisite: Design 2

DESIGN 4 (Space Planning 1)

Design exercises giving emphasis on vernacular architecture including energy conservation space management and building interiors. 3 units (1 lecture hour & 6 studio hours per week).

Pre-requisite: Design 3

DESIGN 5 (Space Planning 2)

Design exercises on problems stressing the analysis of space requirements based on organizational structure, functional set-up, human behavior to pinpoint linkages and interaction to spaces. 4 units (1 lecture hour & 9 studio hours per week).

Pre-requisite: Design 4

DESIGN 6 (Site Development Planning)

Design problems stressing environmental analysis, topographic, geologic and seismologic conditions, utilities, and the perceptual sensitivities of man. 4 units (1 lecture hour & 9 studio hours per week).

Pre-requisite: Design 5

DESIGN 7 (Community Architecture and Urban Design)

Design exercises giving emphasis on the socio-cultural activities of man, historical preservation, proxemics and materials of architecture; designing with nature. 5 units (1 lecture hour & 12 studio hours per week).

Pre-requisite: Design 6

DESIGN 8 (Designs for Tall Buildings and Complexes)

Design exercises giving emphasis on building structures, utilities, laws, structural concepts and ecological planning. 5 units (1 lecture hour & 12 studio hours per week).

Pre-requisite: Design 7

DESIGN 9 (Pre-Thesis Design Problems)

A major problem stressing the importance of solving complex architectural problems. Preliminary research and studies for the terminal project. 5 units (1 lecture hour & 12 studio hours per week).

Pre-requisite: Design 8

DESIGN 10 (Thesis)

A terminal project involving a comprehensive problem in building, interior and landscape architecture integrating processes and issues of previous studies. 5 units (1 lecture hour & 12 studio hours per week).

Pre-requisite: Design 9

COMPUTERS IN ARCHITECTURE

Introduction to the use of computers and softwares for architectural analysis, programming design and building management. 3 units (1 lecture hour & 6 laboratory hours per week).

Pre-requisite: None

HISTORY OF ARCHITECTURE 1

Architectural manifestation of thought from the beginning of civilization to the Eurasian cultural balance (up to 1500 A.D.). 3 units (3 lecture hours per week)

Pre-requisite: None

HISTORY OF ARCHITECTURE 2

Architectural manifestation of civilization and thoughts during the era of western dominance (1500 A.D. to present). 3 units (3 lecture hours per week)

Pre-requisite: History of Architecture 1

HISTORY OF ARCHITECTURE 3

Architectural reflections of traditional Asian thoughts and civilization with emphasis on architecture in the Philippines: their changes and challenges in the contemporary life, and the ideology of preserving our architectural legacies. 3 units (3 lecture hours per week).

Pre-requisite: None

BUILDING TECHNOLOGY 1 (Materials of Construction)

Properties of building materials; interior finishes; their application and articulation; system of construction, methods for specifying and their character in use. 3 units (3 lecture hours per week).

Pre-requisite: None

BUILDING TECHNOLOGY 2 (Wood and Masonry Construction - One storey Residence)

Principles of modern building; introduction to construction methods and drawings of simple structures in wood and masonry. 3 units (2 lecture hours and 3 laboratory hours per week).

Pre-requisites: Graphics 1 and Building Technology 1

BUILDING TECHNOLOGY 3 (WOOD AND MASONRY CONSTRUCTION - Two storey Residence)

Principles of modern building; introduction to construction methods and drawings of simple structures in wood and masonry. 3 units (2 lecture hours and 3 laboratory hours per week).

Pre-requisites: Graphics 1 and Building Technology 1

BUILDING TECHNOLOGY 4 (CONCRETE AND STEEL CONSTRUCTION)

Construction methods and drawings for reinforced concrete and steel structures, showing their electrical, plumbing/sanitary and mechanical/air-conditioning systems. 3 units (2 lecture hours and 3 laboratory hours per week).

Pre-requisite: Building Technology 3

BUILDING UTILITIES 1 (PLUMBING AND SANITARY SYSTEMS)

Principles and practices of sanitary installations in buildings and their surrounding environment. 3 units (3 lecture hours per week).

Pre-requisite: Physics 1 & Graphics 1

BUILDING UTILITIES 2 (MECHANICAL AND ELECTRICAL SYSTEMS)

Mechanical and electrical systems in buildings, their design, equipment, installation and maintenance. 3 units (3 lecture hours per week).

Pre-requisite: Physics 1 & Graphics 1

BUILDING UTILITIES 3 (ACOUSTICS AND LIGHTING)

The psychophysics of acoustics and lighting problems, how they are measured, analyzed and solved. 3 units (3 lecture hours per week).

Pre-requisite: Physics 2 and Building Utilities 2

PLANNING 1 (Site Planning and Landscape Architecture)

The artistic and functional arrangement of buildings: driveways, parking areas, and other land areas are analyzed; and techniques in the enhancement and design if their exterior environment. 3 units (3 lecture hours per week).

Pre-requisite: Plane Surveying and Design 3

PLANNING 2 (Fundamentals of Urban and Community Architecture)

Order, culture and expression for the design of exterior architecture in towns and cities. 3 units (3 lecture hours per week).

Pre-requisite: Planning 1

PLANNING 3 (Introduction to Urban and Regional Planning)

Concepts and emerging trends, method and techniques in urban planning: overview of land use in the planning of regions. 3 units (3 lecture hours per week).

Pre-requisite: Planning 2

PROFESSIONAL PRACTICE 1 (Building Laws)

Legal obligations and responsibilities of the architect: building contracts; the building code and related laws on architecture development and human settlements. 3 units (3 lecture hours per week).

Pre-requisite: 3rd Year Standing

PROFESSIONAL PRACTICE 2 (Organization, Management and Regular Services)

The professional practice of architecture, ethical considerations and client relations; services of the architect. 3 units (3 lecture hours per week).

Pre-requisite: Professional Practice 1

PROFESSIONAL PRACTICE 3 (Construction Management and Comprehensive Services)

The management of the comprehensive services of the architect; project management and resource allocations techniques. 3 units (3 lecture hours per week).

Pre-requisite: Professional Practice 2

PROFESSIONAL PRACTICE 4 (Estimating, Specifications Written and Building Exonomics)

Methods and techniques in quantity survey and estimating principles of building economics. 3 units (3 lecture hours per week).

Pre-requisite: Junior Standing

RESEARCH METHODS FOR ARCHITECTURE

Quantitative and operational methods in architectural design research activity, requirement and performance in use analysis. 2 units (2 lecture hours per week).

Pre-requisite: Junior Standing

THEORY OF ARCHITECTURE 1

Design theories with emphasis on perceptual and proxemic sensitivities in organizing form and space. 3 units (3 lecture hours per week).

Pre-requisite: Design 3

THEORY OF ARCHITECTURE 2

Evaluation of current concepts, goals and processes and methodologies applicable to architectural design. 3 units (3 lecture hours per week).

Pre-requisite: Theory of Architecture 1

THEORY OF ARCHITECTURE 3

Design theories with emphasis on Architectural interiors and landscape design. 3 units (3 lecture hours per week).

Pre-requisite: Theory of Architecture 2

E. ALLIED COURSES

GRAPHICS 1 (Architectural Drafting)

Drafting principles and techniques, applied descriptive and solid geometry; development of skills in orthographics, axonometrics, architectural drafting and reproduction procedures. 3 units (1 lecture hour and 6 studio hours per week).

Prerequisite : None

GRAPHICS 2 (Perspective, Shades and Shadows)

Theories and principles; fundamentals of shades and shadows; practical exercises and applications using various methods of projection. 3 units (1 lecture hour and 3 studio hours per week).

Pre-requisite: Graphics 1

VISUAL TECHNIQUES 1 (Monochromatic Drawing)

Drawing exercises in pencil, charcoal, pen and ink and other monochromatic media. 2 units (1 lecture hour and 3 studio hours per week).

Pre-requisite: None

VISUAL TECHNIQUES 2 (Color Rendering and Still Life)

Rendering exercises in color and polychromatic media. 2 units (1 lecture hour and 3 studio hours per week).

Pre-requisite: Visual Techniques 1

VISUAL TECHNIQUES 3 (Presentation Techniques)

Strategies and productions for architectural presentations; introduction to advanced techniques and mixed media electronic system. 2 units (1 lecture hour and 3 studio hours per week).

Pre-requisite: Visual Techniques 2

F. ELECTIVES (SOCIOLOGY)

PSYCHOLOGY (General Psychology)

Introduction to contemporary psychology with emphasis on perception. Provides the students with introductory knowledge of the science of psychology and inculcates upon the student the behavioral basis of design. 3 units

Prerequisite : None

POLITICAL SCIENCE (with Philippine Constitution)

The structure of government, its operation and development; significance of the new constitution in evolving governmental affairs. 3 units (3 lecture hours per week).

Prerequisite : None

TAXATION AND LAND REFORM

A working knowledge of financial analysis, accounting, taxation and land reform. 3 units (3 lecture hours per week)

Prerequisite : None

II. NON-TECHNICAL COURSES

A. LANGUAGES, HUMANITIES & SOCIAL SCIENCES

ENGLISH 1 (Communication Skills 1)

English Grammar and Composition. Fundamentals of Grammar and correct usage: composition writing. 3 units (3 lecture hours per week).

Prerequisite : None

ENGLISH 2 (Communication Skills 2)

English Rhetoric and Composition. Effective sentence structures including clear reference, logical predication, correct parallelism, proper coordination and subordination: I composition writing. 3 units (3 lecture hours per week)

Prerequisite : English 1

LITERATURE 1

Introduction to Literary Types. Critical Analysis of Literature in English: careful study of the principles of good writing. 3 units (3 lecture hours per week).

Prerequisite : None

LITERATURE 2

Filipino literature in english. Critical analysis of literature in english: careful study of the principles of good writing. 3 units (3 lecture hours per week).

Prerequisite : Literature 1

FILIPINO 1 (Sining ng Pakikipagtalastasan)

Pagtatalakay sa iba't-ibang uri ng panitikan bilang lundayan ng mga tuntunin pambalarila at panretorika at mga pagsasanay na lilinang sa apat na kasanayang pangwika. 3 units (3 lecture hours per week).

Prerequisite : None

FILIPINO 2 (Literaturang Pilipino)

Pag-unawa sa binasa at pagsalaysay na pakikipagtalastasan ng babasahing nilikha at nilimbag ng mga Pilipinong manunulat. 3 units (3 lecture hours per week).

Prerequisite : Filipino 1

HUMANITIES

Study if the visual and performing arts as expressions of the cultural environment of civilizations. 3 units (3 lecture hours per week).

Prerequisite : None

B. GOVERNMENT MANDATED SUBJECTS

RIZAL

The life of Dr. Jose P. Rizal, his ideas and ideals as reflected in his writings. 3 units (3 lecture hours per week).

Prerequisite : None

THIRD YEAR

First Semester

SUBJECT	LEC	STUDIO/ LAB	UNITS
Design 5	1	9	4
Strength of Materials	3	0	3
Literature 1	3	0	3
Theory of Architecture 2	3	0	3
Building Technology 3	2	3	3
History of Architecture 3	3	0	3
Building Utilities 2	3	0	3
	18	12	22

Second Semester

SUBJECT	LEC	STUDIO/ LAB	UNITS
Design 6	1	9	4
Theory of Structures	3	0	3
Literature 2	3	0	3
Theory of Architecture3	3	0	3
Building Technology 4	2	3	3
Man, Environment and Society	3	0	3
Building Utilities 3	3	0	3
	18	12	22

FOURTH YEAR

First Semester

SUBJECT	LEC	STUDIO/ LAB	UNITS
Design 7	1	12	5
Struc'l Design of Timber	3	0	3
Planning 1	3	0	3
Professional Practice 1	3	0	3
Humanities	3	0	3
Philosophy	3	0	3
CADD	0	3	3
	18	15	23

Second Semester

SUBJECT	LEC	STUDIO/ LAB	UNITS
Design 8	1	12	5
Struc'l Design of Steel	3	0	3
Planning 2	3	0	3
Professional Practice 2	3	0	3
Research Methods for Architecture	3	0	3
General Psychology	3	0	3
*Specialization	3	0	3
	19	12	23

MAY 1997
SUGGESTED CURRICULAR STRUCTURE

FIRST YEAR

First Semester

SUBJECT	LEC	STUDIO/ LAB	UNITS
Design 1	1	3	2
College Algebra	3	0	3
Plane Trigonometry	3	0	3
English 1	3	0	3
Pilipino 1	3	0	3
Graphics 1	1	6	3
Visual Techniques 1	1	3	2
PE 1	2	0	2
CMT 1	0	4.5	1.5
	17	16.5	22.5

Second Semester

SUBJECT	LEC	STUDIO/ LAB	UNITS
Design 2	1	3	2
Geometry	3	0	3
NS: Physics 1	2	3	3
English 2	3	0	3
Pilipino 2	3	0	3
Graphics 2	1	6	3
Visual Techniques 2	1	3	2
PE 2	2	0	2
CMT 2	0	4.5	1.5
	16	19.5	22.5

SECOND YEAR

First Semester

SUBJECT	LEC	STUDIO/ LAB	UNITS
Design 3	1	6	3
Differential Calculus	3	0	3
NS: Physics 2	2	3	3
Building Utilities 1	3	0	3
Building Technology 1	3	0	3
History of Architecture 1	3	0	3
Visual Techniques 3	1	3	2
PE 3	2	0	2
CMT 1	0	4.5	1.5
	18	16.5	23.5

Second Semester

SUBJECT	LEC	STUDIO/ LAB	UNITS
Design 4	1	6	3
Integral Calculus	3	0	3
Statics of Rigid Bodies	3	0	3
Theory of Architecture1	3	0	3
Building Technology 2	2	3	3
History of Architecture 2	3	0	3
Plane Surveying	1	3	2
PE 4	2	0	2
CMT 2	0	4.5	1.5
	18	16.5	23.5

FIFTH YEAR

First Semester

SUBJECT	LEC	STUDIO/ LAB	UNITS
Design 9	1	12	5
Struc'l Des of Reinf Conc	3	0	3
Planning 3	3	0	3
Professional Practice 3	3	0	3
*Specialization	3	0	3
*Specialization	3	0	3
	16	12	20

Second Semester

SUBJECT	LEC	STUDIO/ LAB	UNITS
Design 10	1	12	5
Life & Works of Rizal	3	0	3
Taxation & Ag. Reform	3	0	3
Professional Practice 4	3	0	3
Philippine Government	3	0	3
	13	12	17

*Optional to school (Refer to SUGGESTED SPECIALIZATION COURSES)

BREAKDOWN OF UNITS

		General Architecture	w/ Specialization
First Year	First Semester	22.5	22.5
	Second Semester	22.5	22.5
Second Year	First Semester	23.5	23.5
	Second Semester	23.5	23.5
Third Year	First Semester	22.0	22.0
	Second Semester	22.0	22.0
Fourth Year	First Semester	23.0	23.0
	Second Semester	20.0	*23.0
Fifth Year	First Semester	14.0	*20.0
	Second Semester	17.0	17.0
		210.0	219.0