

NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI

This course outline template acts as a guide for writing your course outline. As every course is different, please feel free to amend the template/ format to suit your requirements.

COURSE OUTLINE TEMPLATE			
Course Title	THEORY OF ARCHITECTURE		
Course Code	AR105	No. of Credits	3
Department	ARCHITECTURE	Faculty	ARCHITECTURE
Pre-requisites Course Code	NIL		
Course Coordinator(s) (if, applicable)	MALAVIKA A R		
Other Course Teacher(s)/Tutor(s) E-mail	NIL	Telephone No.	
Course Type	<input type="checkbox"/> Core course <input type="checkbox"/> Elective course		
COURSE OVERVIEW			
<p>An insight into concepts of architecture: design elements and principles and their application. Study of space, perception of space, quality of space, form and enclosure with respect to human activity, anthropometrics and contextual setting. Understanding the overall principles of architecture through models.</p>			
COURSE OBJECTIVES			
<p>Introduction to vocabulary of architecture and basic principles of design that will include concepts concerning theory of architecture drawn from various factors such as cultural, social and historical aspects that would give the students a fundamental knowledge of the architectural principles that governs the making of spaces.</p>			
COURSE OUTCOMES (CO)			
Course Outcomes	Aligned Programme Outcomes (PO)		
<ol style="list-style-type: none"> 1. Understanding of Design Theory and Principles 2. Understanding of Form and Space 3. Understanding of Color and Perception 4. Understanding of architectural programming 	Overall Architectural Design Understanding		

COURSE TEACHING AND LEARNING ACTIVITIES			
S.No.	Week	Topic	Mode of Delivery
1	Week 1 (August)	Introduction to the course. Creative thinking as an architect. (Design activity)	Lectures
2	Week 2 August	Architects role. Architectural context, Vitruvian Principles of architecture	Lectures
3	Week 3 August-Sep	Primary Elements, Primary Shapes (2D), Primary solids (3D) Introduction of Assignment 1	Lectures
4	Week 4 September	Basic Principle of Perception and Concept of Beauty	Lectures
5	Week 5 September	Cycle Test 1 (04.09.2017 tentative)	
6	Week 6 September	Form and Properties of Form	Lectures
7	Week 7 September	Relationship between form and function.	Lectures
8	Week 8 October	Experiencing Architecture – Circulation, path configuration and access.	Lectures
9	Week 9 October	Multi-sensory dimension of architecture Introduction of Assignment 2	Lectures
10	Week 10 October	Various types of architectural functions & importance of empathy in design	Lectures
11	Week 11 October	Cycle Test 2 (17.10.2016)	
12	Week 12 November	Introduction to architectural design methodology and architectural programming	Lectures

13	Week 13 November	Introduction to architectural design methodology and architectural programming	Lectures
14	Week 14 November	Development of design and preparation of drawings of various stage of design.	Lectures
15	Week 15 November	Liaison with other consultants of building industry	Lectures
16	December 2016	End Semester Exam	

COURSE ASSESSMENT METHODS

S.No.	Mode of Assessment	Week/Date	Duration	% Weightage
1.	Test 1	5 th week	60 minutes	20%
2.	Test 2	12 th week	60 minutes	20%
3.	Assignment 1	3 rd week	5 weeks	5%
5.	Assignment 2	9 th week	5 weeks	5%
6.	Semester Examination	16 th week	180 minutes	50%

ESSENTIAL READINGS : Textbooks and reference books

Text Books

- Francis D.K. Ching, Architecture: Form, Space & Order, John Wiley and Sons, New York, 1996, ISBN-10: 0471286168 (ISBN-13: 978-0471286165)
- Design Fundamentals In Architecture, V.S.Pramar, ISBN :81703917093, Somaiya Publications
- The Ten Books on Architecture by Vitruvius, Morris Hicky Morgan Dover Publications 1960 ISBN 0486206459 (ISBN13: 9780486206455)
- Programming for Design: From Theory to Practice, Edith Cherry, John Wiley & Sons, 1999

Reference Books

- Approach to Architectural Design by ARG Isaac, Butter Worth & Co, London,1977
- Introduction to Architecture by Anthony J. Catanese & James C. Snyder, McGraw Hill Books & Co, Newyork,1988
- Leland M. Roth, Understanding Architecture. Its Elements, History and Meaning, Westview Press; Second Edition, 2006, ISBN-10: 0813390451, ISBN-13: 978-0813390451

COURSE EXIT SURVEY (mention the ways in which the feedback about the course is assessed and indicate the attainment also)

1. Feedback form may be given to students to be filled in and collected back.

COURSE POLICY (including plagiarism, academic honesty, attendance, etc.)

1. **Retest:** On a genuine case, if a student is absent for any assessment tests, he/she will be permitted to give a retest providing the supporting documents of evidence and it will be held during the assessment period allotted in the month of December before the final examination.
2. **Attendance:** A minimum of 75 % attendance percentage is required to be able to attend the end semester examination.
3. **Pass Marks:** A minimum of 40% of marks is required to pass the subject.
4. **Meeting the faculty:** Any student can meet the course faculty in case of any query or difficulty faced pertaining to the subject, during the office hours with a prior appointment fixed.

ADDITIONAL COURSE INFORMATION

NIL

FOR SENATE'S CONSIDERATION

NIL

Course Faculty _____ CC-Chairperson _____ HOD _____