

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	ARCHITECTURAL GRAPHICS-I		
Course Code	AR107	No. of Credits	03
Department	ARCHITECTURE	Faculty	WILSON.F
Pre-requisites Course Code			
Course Coordinator(s) (if, applicable)	NA		
Other Course Teacher(s)/Tutor(s) E-mail	wilson@nitt.edu	Telephone No.2503561	9994373419
Course Type	<input type="checkbox"/> Core course	<input type="checkbox"/> Elective course	
COURSE OVERVIEW			
<p>AN OVERALL INTRODUCTION TOWARDS ARCHITECTURAL DRAFTING AND ISOMETRIC AXONOMETRIC IMPORTANCE OF DRAFTING FOR ARCHITECTS AND TO TRAIN THEM ACCORDINGLY. DRAFTING OF BUILDING PLANS, ELEVATIONS AND SECTIONS. ASCRIBING APPROPRIATE MATERIALS.</p>			
COURSE OBJECTIVES			
<p>TO ENABLE THE STUDENTS ACHIEVE ADVANCED DRAFTING SKILLS AND BECOME CONFIDENT IN THE PREPARATION OF ORTHOGRAPHIC PROJECTION AND MEASURED DRAWING</p>			
COURSE OUTCOMES (CO)			
Course Outcomes		Aligned Programme Outcomes (PO)	
<ol style="list-style-type: none"> 1. EARNING ADVANCED DRAFTING SKILLS 2. CONFIDENTAND DETAILED PRESENTATION 3. UNDERSTANDING ORTHOGRAPHIC PROJECTION 4. LEARNING MEASURED DRAWING 5. LEARNING ISOMETRIC AND AXONOMETRIC 			
COURSE TEACHING AND LEARNING ACTIVITIES			

S.No.	Week	Topic	Mode of Delivery
1		INTRODUCTION TO THE SUBJECT	
2		ARCHITECTURAL LETTERING	
3		PLAIN SCALES	
4		DIAGONAL SCALES	
5		COMPARAYIVE SCALES	Class Room Delivery /Chalk and Talk
6		QUADRANTS AND THEIR CLASSIFICATION	
7		TYPES OF PROJECTIONS	
8		FIRST ANGLE PROJECTION OF POINTS, LINES, PLANES AND OBJECTS	Over Head Projector CRD
9		SECTION OF SOLIDS,SECTIONAL PLANE AND TRUE SECTIONS	HANDS ON PRESENTATION
10		SHORT CUT TECHNIQUES	
11		DEVELOPMENT OF SURFACES:	
12		PARALLEL LINE DEVELOPMENT RADIAL LINE DEVELOPMENT	
13		INTERSECTION OF SOLIDS	
14		ISOMETRIC SCALES AND PROJECTION	

COURSE ASSESSMENT METHODS

S.No.	Mode of Assessment	Week/Date	Duration	% Weightage
	PLATE 1	1+	7 Days	35 MARKS
	PLATE 2,3	2 weeks	14 days	
	PLATE 4,5&6	2 weeks	14 days	
	PLATE 7,8&9(CONT.)	2 weeks	14 days	
	PLATE 9&10	2 weeks	14 days	
	PLATE 11&12	1+weeks	10 days	
	PLATE 13&14	2 weeks	14 days	
	CYCLE TEST	7 TH WEEK	150 Mins.	15 MARKS
	SEMESTER EXAMINATION	DEC. 2017	180 MINS.	50 MARKS

ESSENTIAL READINGS : Textbooks, reference books Website addresses, journals, etc

1.
K.L.Narayana&P.Kanniah, "Engineering Graphics

-

2.
Prof.VeeEss, "Step by Step Engineering

3.

George A. Dinsmore, "Analytical Graphics", Van Nostrand Company
Inc.,Canada,1968.

4.

Thomas E French, Charles J.Vierck& Robert J.Foster, "Graphic Science &
Design", International Edition, McGraw Hill Co.,NewYork,1986.

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

Students Works are individually examined and periodic suggestions are provided to individual students for their improvement.
Feed Back Survey from the students is received in the end of the semester

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

MINIMUM OF 75 PERCENT ATTENDANCE IS MANDATORY

ADDITIONAL COURSE INFORMATION

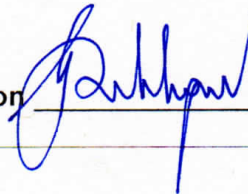
eg.: The Course Coordinator is available for consultation at times that are displayed on the coordinator's office notice board.
Queries may also be emailed to the Course Coordinator directly at -----

FOR SENATE'S CONSIDERATION

Course Faculty



CC-Chairperson



HOD

