Republic of the Philippines
SULTAN KUDARAT STATE UNIVERSITY
EJC Montilla, 9800 City of Tacurong

COLLEGE OF INDUSTRIAL TECHNOLOGY
ADT 211A – ARCHITECTURAL DRAFTING & DESIGN 1 (ONE STOREY)

UNIVERSITY VISION

A leading University in advancing scholarly innovation, multi-cultural convergence, and responsive public service in a borderless Region.

UNIVERSITY MISSION

The University shall primarily provide advanced instruction and professional training in science and technology, agriculture, fisheries, education and other related fields of study. It shall also undertake research and extension services, and provide progressive leadership in its areas of specialization.

UNIVERSITY STRATEGIC GOALS

a. Deliver quality service to stakeholders to address current and future needs in instruction, research, extension, and production
b. Observe strict implementation of the laws as well as the policies and regulations of the University
c. Acquire with urgency state-of-the-art resources for its service areas
d. Bolster the relationship of the University with its local and international customers and partners
e. Leverage the qualifications and competences in personnel action and staffing
f. Evaluate the efficiency and responsiveness of the University systems and processes

INSTITUTIONAL OUTCOMES (IO)

cc. Enhance competency development, commitment, professionalism, unity and true spirit of service for public accountability, transparency and delivery of quality services
dd. Provide relevant programs and professional trainings that will respond to the development needs of the region
ee. Strengthen local and international collaborations and partnerships for borderless programs
ff. Develop a research culture among faculty and students
gg. Develop and promote environmentally-sound and market-driven knowledge and technologies at par with international standards
hh. Promote research-based information and technologies for sustainable development
ii. Enhance resource generation and mobilization to sustain financial viability of the university

PROGRAM OUTCOMES (PO) COMMON TO ALL PROGRAMS AND ITS RELATIONSHIPS TO INSTITUTIONAL OUTCOMES

	INSTITUTIONAL OUTCOMES (IO)						
A graduate of Sultan Kudarat State University can:	a	b	c	d	e	f	g
q. Articulate effectively and independently in multi-disciplinary and multi-cultural teams the latest development in the fields practiced such as Automotive, Architectural Drafting, Civil, Electrical, Electronics, Food and its allied discipline,	✓	✓		✓	✓	✓	✓
r. Lead in the promotion and preservation of Filipino historical and cultural heritage, social empowerment and environmental sustainability in a professional and ethical approach.	✓	✓	✓	✓	✓	✓	✓
s. Generate research-based information and technologies at par from international standards, and	✓	✓	✓	✓	✓	✓	✓

4	**Floor plan – layout and room arrangement**	At the end of the Lesson, the Learners can: a. Draft floor plan with correct dimensions, doors, and windows	a. Demo b. Lab work c. Recitation	a. Floor plan plate b. Hands-on checking	B
5	**Elevations – front, rear, side views**	At the end of the Lesson, the Learners can: a. Draft elevation	a. lecture b. hands-on practice c. Critique	a. Elevation plate b. Peer review	B
6	**Sectional drawing Longitudinal and Cross-sectional**	At the end of the Lesson, the Learners can: a. Draw a sectional view to show internal features	a. Demo b. Drawing activities c. follow-up Q&A	a. Section view plate b. Practical tasks	B
7	**Door and window schedule**	At the end of the Lesson, the Learners can: a. Prepare schedules with correct symbols and sizes	a. sample review b. chart making c. hands-on work	a. Door and window schedule b. Short quiz	C
8	**Foundation plan**	At the end of the Lesson, the Learners can: a. Draft the foundation layout and labelling	a. lecture b. plan development c. practice	a. Foundation plate b. Plate check	B
9	**MIDTERM EXAM**				
10	**Roof plan and Roof framing**	At the end of the Lesson, the Learners can: a. Create roof layouts with basic framing structures	a. Demo b. Drafting session c. Group analysis	a. Roof framing plate b. Recitation	BC
11	**Electrical layout – lightning and power**	At the end of the Lesson, the Learners can: a. Design electrical plans with proper symbols and load	a. lecture b. drawing exercise c. Critique	a. Electrical layout plate b. peer check	C
12	**Plumbing layout – drainage and water supply**	At the end of the Lesson, the Learners can: a. draft water and drainage piping layout	a. plan tracing b. fixture placement c. Demo	a. plumbing layout plate b. work sheet	C
13	**Site development plan**	At the end of the Lesson, the Learners can: a. Draft the building location in a site with setbacks	a. Discussion b. Lay out session c. Plotting	a. plate b. peer review	D
14	**Perspective drawing (1 point or 2 point)**	At the end of the Lesson, the Learners can: a. Produce a 3D perspective of the one-storey house	a. Demo b. Sketching practice c. Group critic	a. perspective output b. class presentation	D

15	**Compilation and final output (complete plan set)**	At the end of the Lesson, the Learners can: a. Compile and prepare the full set of architectural and working drawings	a. studio time b. instructor guidance c. final review	a. Complete plan set b. defense presentation	D
	FINAL EXAMINATION				

Total No. of Hours : 120

8 COURSE REQUIREMENTS AND COURSE POLICIES

COURSE REQUIREMENTS

Each student is required to:

17. Attend classes on schedule time and day.
18. Accomplish all hands-on activities in ARCHITECTURAL DRAFTING & DESIGN 1 (ONE STOREY)
19. Pass the major exams (midterm and final)
20. Perform hands-on activity in ARCHITECTURAL DRAFTING & DESIGN 1 (ONE STOREY)

COURSE POLICIES

Attendance: A student will be marked late if he/she enters the class 5 minutes after the start of the class period. Any student who comes to class 15 minutes after the scheduled time or i always late for three consecutive meetings shall be marked absent.
Missed work or exam: Any student who failed to submit a work assignment or to take a test should consult the concerned instructor for immediate compliance
Cheating and Plagiarism: Any student who commits any form of academic dishonesty (e.g., copy-paste plagiarism) shall be given disciplinary action provided in the SKSU Student's Handboo
Use of Technology: Cell phones should be turned off while the session is in progress. Using laptops, notebook PCs, smart phones, and tablets shall be allowed only when needed.

9 GRADING SYSTEM

ADING SYSTEM

Midterm Grade	
Plates	45%
Examination	35%
Attendance/ Class Participation	15%
Quizzes/output	10%
TOTAL	**100%**

Final Grade	
Plates	45%
Examination	35%
Attendance/ Class Participation	15%
Quizzes/output	10%
TOTAL	**100%**

10 REFERENCES

Ching, F.D.K. (2015). *Architecture: Form, Space, and Order* (4th ed.). John Wiley & Sons.
Giesecke, F.E. et al. (2012). *Technical Drawing with Engineering Graphics* (15th ed.). Pearson Education.
DPWH. *National Building Code of the Philippines*.
TESDA. *Training Regulations for Drafting NC II*.
Walker, H.M. (2002). *House Planning*. Goodheart-Willcox Co.
Merrill, J. (2010). *Residential Design, Drafting, and Detailing*. Cengage Learning.
UAP. *Standard Drawings and Specifications for Residential Projects*.

pared by:

DEBBIE JOY L. ARRIVAS, MAT
Faculty

MICHAEL C. ARRIVAS, MAT
Faculty

Reviewed by:

GLENN S. TALUA, MSRE
BIndTech Program Chairman

2025 -08- 11

08-11-2025
IRENE A. BINAO, MAT
BTVTED Program Chairman

Approved by:

08-11-2025
CHARLIE J. MAGHANOY, EdD
College Dean