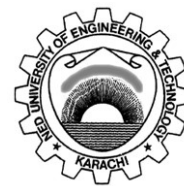


NED University of Engineering & Technology

Department of Software Engineering



Course Code & Title: C3-PLO3 <Applicable to SE-101, SE-201, SE-317, SE-213, SE-303, SE-304, SE-492>

Cognitive Domain Assessment Rubric Level C3 (for Laboratory Work)						
Criteria	Level of Attainment					
	(5)	(4)	(3)	(2)	(1)	(0)
Problem Identification	Able to correctly identify the problem(s) and all required data (input and output).	Able to correctly identify the problem(s) but not all the required data (input and output).	Able to partially identify both the problem(s) and the required data (input and output).	Able to partially identify the problem(s) but cannot identify required data (input and output).	Not able to correctly identify the problem(s) and all required data (input and output).	Not tried to identify the problem(s) and all required data (input and output).
Problem Solving Skills	Uses an effective strategy to solve the problem(s) and clearly identifies the steps.	Uses an effective strategy to solve the problem(s) but cannot clearly identify the steps.	Uses an adequate strategy to solve the problem(s) but misses some details.	Uses an inadequate strategy to solve the problem(s) and misses most details.	Uses an ineffective strategy to solve the problem(s) and completely misses the steps.	Didn't use any strategy to solve the problem(s) and completely misses the steps.
Implementation & Debugging	Efficient implementation and excellent debugging skills. Code works without any error.	Efficient implementation and good debugging skills. Minor error in the code.	Adequate implementation and fair debugging skills. Few errors in the code.	Inadequate implementation and debugging skills. Significant errors in the code.	Incomplete implementation and ineffective debugging skills. Major errors in the code.	No implementation and debugging skills.
Deliverable(s)	Generates correct and complete output.	Generates correct but partially complete output.	Generates partially correct and partially complete output.	Generates partially correct and incomplete output.	Cannot generate the desired output.	No output generated.
Depth of Knowledge	Thorough grasp of the concepts covered in the lab and can apply it in real-life situations.	Good grasp of the concepts covered in the lab but cannot effectively apply it in real-life situations.	Fair grasp of the concepts covered in the lab and can vaguely identify a real-life application.	Limited grasp of the concepts covered in the lab and cannot identify any real-life application.	Does not grasp the concepts covered in the lab and cannot identify any real-life application.	Didn't try to grasp the concepts covered in the lab and cannot identify any real-life application.
Weighted CLO Score						
Remarks and Signature						

NED University of Engineering & Technology
Department of Software Engineering

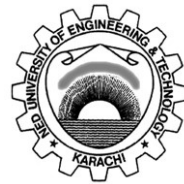


Course Code & Title: C3-PL05 <Applicable to SE-315, SE-469, SE-455, EF-101, SE-206, SE-312, SE-488, SE-458, SE-204, SE-493 SE-316, SE-402, SE-456, SE-495, SE-484, SE-494, SE-468>

Cognitive Domain Assessment Rubric Level C3 (for Laboratory Work)						
Criteria	Level of Attainment					
	(5)	(4)	(3)	(2)	(1)	(0)
Problem Identification	Able to correctly identify the problem(s) and all required data (input and output).	Able to correctly identify the problem(s) but not all the required data (input and output).	Able to partially identify both the problem(s) and the required data (input and output).	Able to partially identify the problem(s) but cannot identify required data (input and output).	Not able to correctly identify the problem(s) and all required data (input and output).	Not tried to identify the problem(s) and all required data (input and output).
Problem Solving Skills	Uses an effective strategy to solve the problem(s) and clearly identifies the Steps.	Uses an effective strategy to solve the problem(s) but cannot clearly identify The steps.	Uses an adequate strategy to solve the problem(s) but misses some details.	Uses an inadequate strategy to solve the problem(s) and misses most details.	Uses an ineffective strategy to solve the problem(s) and completely misses the steps.	Didn't use any strategy to solve the problem(s) and completely misses the steps.
Efficiency in Tool Usage	Efficient implementation and excellent tool usage skills.	Efficient implementation and good tool usage skills.	Adequate implementation and fair tool usage skills.	Inadequate implementation and tool usage skills.	Incomplete implementation and ineffective tool usage skills.	No implementation and tool usage skills. .
Deliverable(s)	Generates correct and complete output.	Generates correct but partially complete output.	Generates partially correct and partially complete output.	Generates partially correct and incomplete output.	Cannot generate the desired output.	No output generated.
Depth of Knowledge	Thorough grasp of the concepts covered in the lab and can apply it in real-life situations.	Good grasp of the concepts covered in the lab but cannot effectively apply it in real-life situations.	Fair grasp of the concepts covered in the lab and can vaguely identify a real-life application.	Limited grasp of the concepts covered in the lab and cannot identify any real-life application.	Does not grasp the concepts covered in the lab and cannot identify any real-life application.	Didn't try to grasp the concepts covered in the lab and cannot identify any real-life application.
Weighted CLO Score						
Remarks and Signature						

NED University of Engineering & Technology

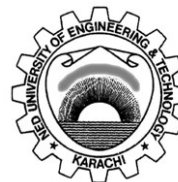
Department of Software Engineering



Course Code & Title: **C4-PLO3** <Applicable to SE-308>

Cognitive Domain Assessment Rubric Level C4 (for Laboratory Work)						
Criteria	Level of Attainment					
	(5)	(4)	(3)	(2)	(1)	(0)
Problem Understanding & Objective Clarity	Demonstrates thorough understanding of lab objectives; clearly explains purpose and relevance.	Good understanding; objectives mostly clear with minor gaps.	Adequate understanding; some confusion in purpose.	Partial understanding; objectives vague.	Very little understanding; objectives unclear.	Did not attempt or irrelevant.
Experimental Design & Procedure	Procedure is logical, detailed, and accurate; anticipates possible errors.	Procedure is clear and mostly accurate; minor improvements needed.	Procedure covers basic steps but lacks depth or detail.	Incomplete procedure; several errors.	Poorly structured procedure; many inaccuracies.	No procedure attempted.
Data Collection & Accuracy	Data collected systematically, highly accurate, and well-documented.	Data mostly accurate and properly recorded; minor errors.	Data recorded but with some inconsistencies.	Data incomplete or error-prone.	Very limited data; mostly incorrect.	No data collected.
Analysis & Interpretation	Analysis is thorough, logical, and demonstrates deep understanding; conclusions fully supported.	Analysis is good with minor errors; conclusions mostly supported.	Adequate analysis; some conclusions not fully justified.	Limited analysis; weak interpretation.	Very poor analysis; conclusions invalid.	No analysis attempted.
Reporting, Presentation & Professionalism	Report/presentation is clear, well-organized, professional, with excellent use of visuals/tables.	Well-organized with minor issues in clarity or format.	Report/presentation understandable but lacks polish.	Disorganized; difficult to follow.	Very poorly written/presentation; unclear.	No report/presentation submitted.
Weighted CLO Score						
Remarks and Signature						

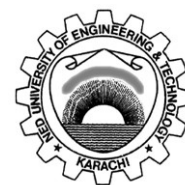
NED University of Engineering & Technology
Department of Software Engineering



Course Code & Title: P3-PLO3 <Applicable to SE-209>

Psychomotor Domain Assessment Rubric – Level P3						
Criteria	Level of Attainment					
	(5)	(4)	(3)	(2)	(1)	(0)
Problem Identification & Task Objective	Precisely identifies problem; objectives crystal clear.	Identifies problem well; minor gaps.	Adequate identification; some vagueness.	Partial understanding; weak objective clarity.	Very limited identification; mostly unclear.	No attempt.
Procedural Accuracy & Execution	Performs procedure with complete accuracy and precision; no errors.	Performs procedure with minor errors; mostly precise.	Performs adequately but with moderate errors.	Struggles to follow procedure; frequent errors.	Poor execution; lacks control.	No procedure attempted.
Tool Handling & Safety	Uses tools skillfully with precision and consistent safety.	Good tool use; mostly safe and accurate.	Adequate tool use; minor safety lapses.	Struggles with tool handling; noticeable lapses.	Poor tool handling; unsafe practice.	No tool use.
Data Recording & Measurement Precision	Data highly accurate, precise, well-recorded.	Mostly accurate with minor variation.	Adequate data but inconsistencies present.	Data error-prone and incomplete.	Very inaccurate/unsafe measurements.	No data.
Analysis & Reporting	Analysis precise, logical, conclusions fully supported.	Good analysis with minor imprecision.	Adequate analysis; partial support.	Weak analysis; imprecise interpretation.	Very poor analysis; invalid conclusions.	No analysis.
Weighted CLO Score						
Remarks and Signature						

NED University of Engineering & Technology
Department of Software Engineering



Course Code & Title: P3-PLO5 <Applicable to SE-324, CT-361, CT-460>

Psychomotor Domain Assessment Rubric – Level P3						
Criteria	Level of Attainment					
	(5)	(4)	(3)	(2)	(1)	(0)
Tool Selection & Application	Selects and applies most appropriate modern tool with precision.	Correct tool selection; minor gaps in application.	Adequate tool choice; some inaccuracy in use.	Limited understanding of tool use.	Incorrect or unsafe tool selection.	No attempt.
Operational Skill & Control	Operates tool with high precision, stability, and control.	Operates tool well; minor errors.	Adequate control but occasional inaccuracy.	Struggles with control and precision.	Very poor handling; unsafe.	No operation.
Integration with Experiment/Task	Tool seamlessly integrated with task for optimal results.	Well-integrated; minor adjustments needed.	Adequate integration but not smooth.	Weak integration; tool use hinders task.	Poor integration; ineffective.	Not used.
Data Acquisition & Accuracy	Data precise, reliable, and properly documented.	Data mostly accurate; small variations.	Adequate data with noticeable inconsistencies.	Inaccurate or incomplete data.	Very poor/unsafe data handling.	No data.
Professional Practice & Safety	Demonstrates professional precision, safety, and compliance.	Mostly professional and safe.	Adequate safety; minor lapses.	Frequent lapses; inconsistent.	Unsafe and unprofessional.	No practice shown.
Weighted CLO Score						
Remarks and Signature						