An Example of a Test Blueprint

For courses where there is no common exam or instructors wish to use quizzes and individually-developed test items for assessment, a Test Blueprint Items Form *is provided.*

Student Learning Outcomes	Course Learning/ Objective Outcomes	Bloom's Taxonomy Classification	Number of Test Items	Point Value	(%) weight of test
Demonstrate mastery of the theoretical and practical knowledge of electrical and electronic circuits and systems	Define and identify the basic components of a microprocessor such as: CPU, ROM, RAM, CLOCK, Word-size, Communication Busses, lead outputs, Power requirements, etc.	Knowledge	1	2	4
		Comprehension	1	4	8
	Write, run, single step and flow chart a source code program	Knowledge	1	2	4
		Comprehension	1	4	8
		Analysis	1	10	17
Identify, formulate, and present solutions to practical technical problems in a variety of specialty areas related to electrical engineering technology programs	Follow the logic and flow of information in a program	Knowledge	1	2	4
		Comprehension	1	4	8
		Analysis	1	10	17
	Use the microprocessor to solve an array of typical practical problems (timing, control, and output)	Knowledge	1	2	4
		Comprehension	1	4	8
		Evaluation	1	10	18
		Total	**11**	**54**	**100**

Adapted courtesy of NYCCT-CUNY.