

Course Assessment Summary
COE 205 Computer Organization & Assembly Language (3-3-4)
Term 061

Course Learning Outcomes

1. Ability to analyze, design, implement, and test assembly language programs.
2. Ability to use tools and skills in analyzing and debugging assembly language programs.
3. Ability to design the datapath and control unit of a simple CPU.
4. Ability to demonstrate self-learning capability.
5. Ability to work in a team.

Section#	Source of Outcome Data	Outcome1	Outcome2	Outcome3	Outcome4	Outcome5
1	Instructor Evaluation	64.8%	48.2%	72.3%	62.8%	61.7%
	Student Survey	75%	65%	68.2%	73.3%	75%
2	Instructor Evaluation	77.8%	80.7%	70.1%	75.2%	75.2%
	Student Survey	88.25%	88.25%	69%	75%	86.8%
3	Instructor Evaluation	77.4%	86%	77.5%	78%	78.8%
	Student Survey	87%	79%	77.8%	81.5%	80.3%
Overall	Assessment Rating	Achieved	Needs Improvements	Needs Improvements	Achieved	Achieved

Observations:

1. Outcome 2 and Outcome 5 have not been assessed directly in Section II and Section III and the lab mark has been used.
2. Based on the overall assessment and instructors' feedback, it seems that Outcome 2 and Outcome 3 need improvement. All other outcomes are considered well-achieved.

Recommendations:

1. Outcome 2 needs more emphasis in the lab and should be directly assessed by lab instructors.
2. Outcome 3 can be improved by increasing the number of assignments on this part from one to two.