College: Science – AL-Zulfi   Department: Mathematics   Program: B.Sc. (Mathematics)
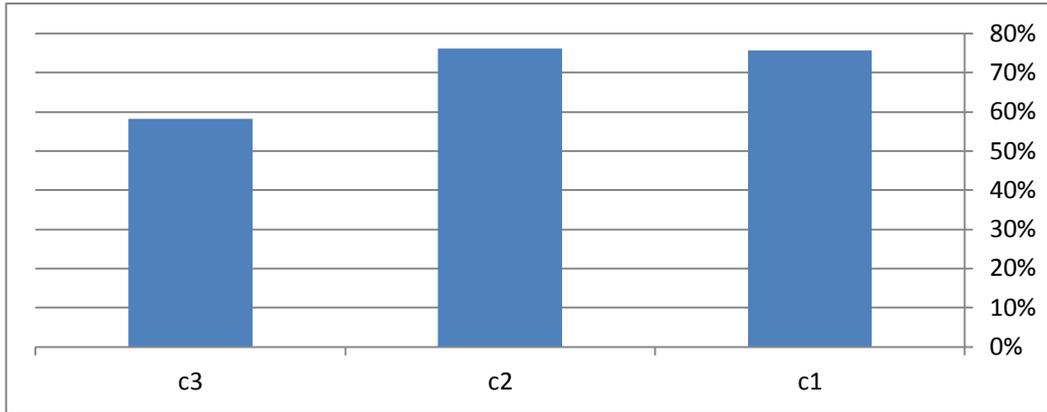
(B) Student Learning Outcome- Assessment Analysis

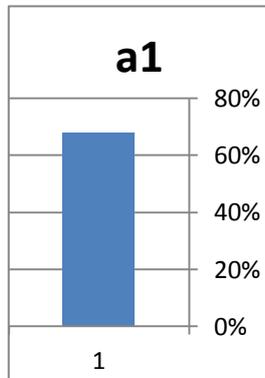|	**Strengths**	**Weakness**
(Foundation Skills) Student Learning Outcome Codes: (**c1+c2+c3**)	• Monitors Group Effectiveness Creativity • Leadership • Attitude • Pride **SLO Codes:(c1+c2)**	• Quality of Work • Working with Others • Personal Organization/Time Management • Contributions • Preparedness • Focus on the task **SLO Code:(c3)**
(Fundamentals Skills) Student Learning Outcome Code: (**a1**)	• Identification of Mathematics Principles	• Use of mathematical steps toward solving several problems • Interpretation and appropriate presentation of results **SLO Code:(a1)**
(Core Skills) Student Learning Outcome Code: (**a2**)	• General science Concepts	• Errors measurements (Most (60-75%) of assumptions and solution steps have

	SLO Code:(a2)	no errors.) • Explanation (Explanation is a little difficult to understand, but includes critical components.)
(Program Skills) Student Learning Outcome Code: **(a3+b1+b2+d1+d2)**	• Mathematical Reasoning • Strategy/Procedures • Formulate the problem using equations • Problem Solving • Creativity • Ability to express ideas and answer questions • Active Listening • Depth and Breadth of Understanding • **SLO Code:(b1+d2)**	• Mathematical Terminologies and Notations • Integrative and Applied Learning • Solving equations and finding an answer • Inquiry and Analysis • Oral Communication • Written Communication • Quantitative Expertise • Diagrams and/or sketches • Information Gathering **SLO Code:(a3+b2+d1)**

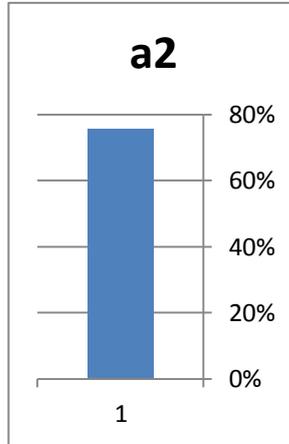| Foundation Skills (University Level)			
c1	**c2**	**c3**	**Total**
76%	**76%**	**58%**	**67%**

Fundamental Skills (Sector Section)
a1
68%

Core Skills (College Section)

a2	
76%	

a2

Program Skills(Program Level)

a3	b1	b2	d1	d2	Total
66%	76%	58%	56%	70%	68%