

ABET OUTCOMES

مخرجات ايت الخاصة بالحقية التدريسية للمواد النظرية

إعداد

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OUTCOME “ D “AN ABILITY TO FUNCTION ON MULTIDISCIPLINARY TEAMS”

- **Performance Indicators:**

- **1. Constructively participates in team meetings/discussions**

- المشاركة بشكل بناء في اجتماعات الفريق و أو المناقشات

- **2. Completes assigned tasks on time and with quality**

- إكمال المهام المخصصة في الوقت المحدد ومع الجودة

- **3. Open to other disciplines' issues and input**

- متفتح لقضايا التخصصات الأخرى والمدخلات

- **4. Supports team decision process and supports final decision**

- يدعم عملية اتخاذ القرار للفريق ويدعم القرار النهائي

Assessment tools (Teammate assessment sheet and Instructor Teammate assessment sheet)
ورقة تقييم المدرس وورقة تقييم فريق العمل

SCORING RUBRIC "A SCORING GUIDE USED TO EVALUATE THE QUALITY OF STUDENTS' CONSTRUCTED RESPONSES"

	4- Exceeds	3- Meets	2-Progressing	1-Below
1. Constructive participation	Participates in a way that usually leads the team discussion and helps the team reach a decision	Participates positively in team discussions toward reaching a decision point	Participates when asked but sometimes in a negative way	Either does not participate or participates to the detriment of reaching a team decision
2. Completion of tasks	All assigned tasks are completed ahead of time and with high quality	All assigned tasks are completed on time with good quality	Most assigned tasks are completed on time and some lack the needed quality	Most assigned tasks are late and usually need more work done to improve the quality to acceptable levels
3. Open to other disciplines	Proactively considers other disciplines' concerns while completing tasks; open to others input	Readily accepts other disciplines' concerns/ input in an effort to arrive at the best solution	Accepts other disciplines' input most of the time, but frequently fights input as less important. Somewhat defensive	Believes their discipline is the most important and constantly resists changes driven by others disciplines concerns.
4. Supports decision process	Understands the different approaches to making team decisions. Fully supports the team decision once made.	Follows the decision making approach the team leader chooses and accepts the decision made by the team.	Follows the decision making approach and usually accepts the team decision although sometimes must be reminded to include the outcome of the decision in their work	Does not agree with the decision process, usually fights the decision once made. Often neglects the outcome of the decision simply because they did not agree with it

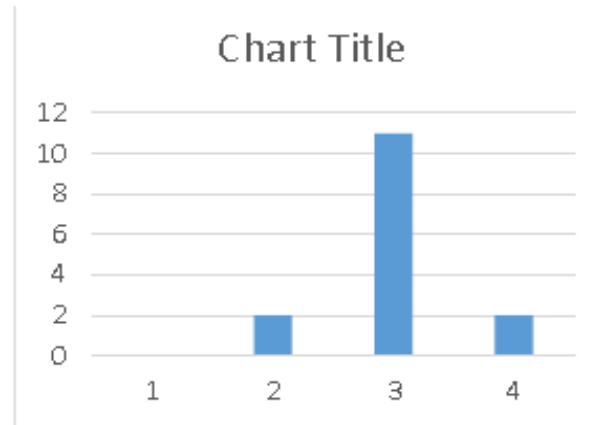
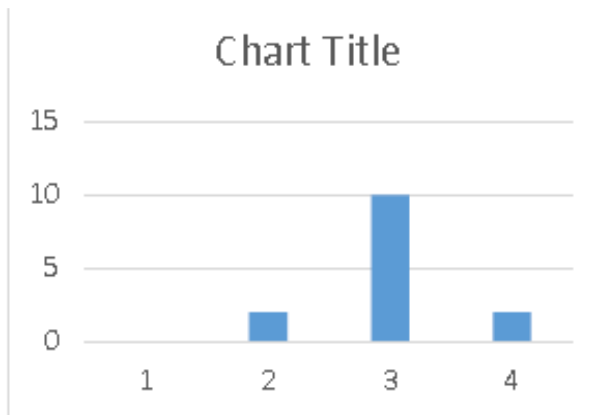
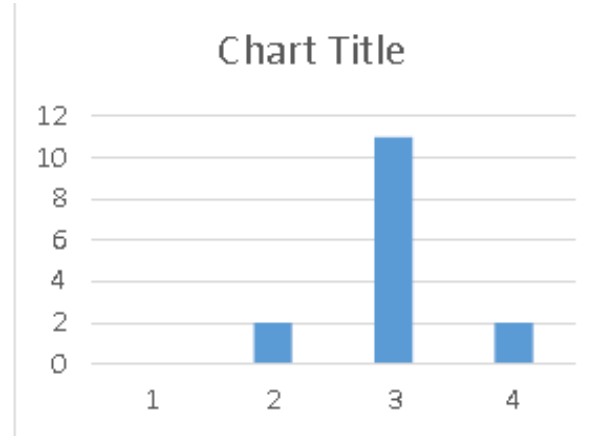
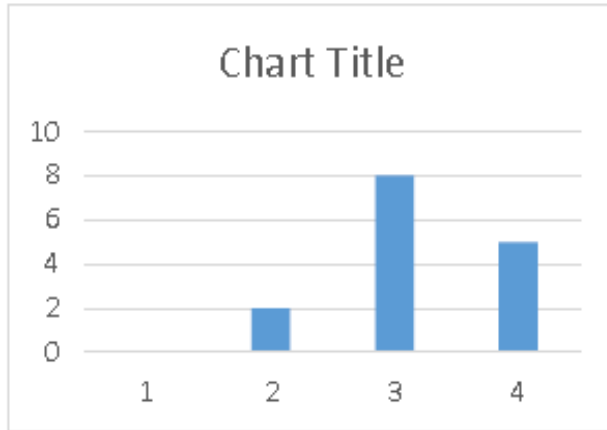
EXAMPLE

- Assume we have 2 groups with 6 students each.
- Any class say Design
- Now a simple job or home work must evaluated according to performance indicator by $\frac{1}{4}$ of degree points for each one.
- So according to Rubric table let us assume the students groups indicators were as follow:

	4- Exceeds	3- Meets	2-Progressing	1-Below	
Constructive participation	IIII III	IIII			$8*4+3*3=41,$ $41/12=3.416$
Completion of tasks	IIII	IIII II	I		$4*4+7*3+1*2=35,$ $35/12=2.916$
Open to other disciplines	IIII II	III	II		$7*4+3*3+3*2=43,$ $43/12=3.583$
Supports decision process	IIII	IIII I		II	$4*4+6*3+2*1=36,$ $36/12=3$

- Average = $(3.416+2.916+3.583+3) / 4 = 3.228$
- So the final grad for outcomes d = $3.228/4$

PERFORMANCE INDICATOR CHARTS RESULT



- **Students Works Rating:**
- Lecturer should also made a students works rating which is a number of 1~ 4 of their understanding for the performance indicator.
- Then calculating the Average (\bar{x} of 4) and final grade ($\bar{x}/4$)
- It's related to lecturer to do students works rating chart and it should loke like the performance indicator one.
- **SD** “ Standard deviation is needed for both. Hint/ you could use the web to do it easily. Also it is good if less than 1

STUDENT AND FACULTY EVALUATIONS OF LEARNING OUTCOMES

Students Outcomes	Students Rating	SD	Instructor Rating	SD	Instructor Comments
D	Assume 3.078	0.65	3.228	0.321	Acceptable difference
Assessment of Changes/Improvements Made this year, 2016/2017			No improvement is made		
Changes/Improvements That Will Be Made Next Time the Course is Offered			We hope that next year will be improved by:		