



MODULE DESCRIPTION FORM

Module Information معلومات المادة الدراسية			
Module Title	Statistics		Module Delivery
Module Type	Core		<input checked="" type="checkbox"/> Theory <input type="checkbox"/> Lecture <input type="checkbox"/> Lab <input checked="" type="checkbox"/> Tutorial <input type="checkbox"/> Practical <input type="checkbox"/> Seminar
Module Code	TINI100		
ECTS Credits			
SWL (hr/sem)			
Module Level	٢	Semester of Delivery	
Accounting Techniques Department	RETE	College	Nineveh Technical Management Institute
Module Leader	Zahraa Taha	e-mail	zahraeco82@ntu.edu.iq
Module Leader's Acad. Title	Lecturer	Module Leader's Qualification	MS.C
Module Tutor		e-mail	
Peer Reviewer Name	Name	e-mail	E-mail
Scientific Committee Approval Date		Version Number	

Relation with other Modules			
Prerequisite module	None		Semester



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Co-requisites module	None	Semester	
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Module Aims, Learning Outcomes and Indicative Contents

Module Aims	1. Understanding and applying statistical principles to categorized and uncategorized data. 2. Working on implementing statistical analysis tools and statistical software.
Module Learning Outcomes	1- Understanding statistical methods and data analysis techniques. 2- Recognizing the significance of the correlation between the department's scientific specialization and the utilization of statistical tools.
Indicative Contents	



Learning and Teaching Strategies

Strategies

1. Delivering lectures and explaining the scientific and practical material to students in detail.
2. Engaging students through discussing topics to enhance their scientific and practical skills.
3. Student groups.
4. Discussing and dialoguing about vocabulary related to the subject.



Delivery Plan (Weekly Syllabus)

المنهاج الأسبوعي النظري

	Material Covered
Week 1	Statistics: Definition, Importance, and its Relationship with Other Sciences. Statistical Method Definition, Review of Statistical Method.
Week 2	Data Classification and Tabulation, Construction of Simple and Double Frequency Tables.
Week 3-4	Graphical Presentation of Categorized Data: A. Histogram B. .. Polygon C. . Ogive. D. D. Cumulative Frequency Curve for Ascending and Descending Series
Week 5	Measures of Central Tendency: Concept and Uses, Mean in Ungrouped and Grouped Data (Elaborate Method) and Concise Method.
Week 5	Median: Definition, Calculation Methods for Ungrouped and Grouped Data - Numerically and Graphically.
Week 6	Mode: Concept, Calculation for Ungrouped and Grouped Data (Numerically and Graphically).
Week 7-8	Measures of Dispersion: Concept, Uses, Range for Ungrouped and Grouped Data, Standard Deviation for Ungrouped Data.
Week 9-10	Standard Deviation for Grouped and Ungrouped Data.
Week 11	Simple Correlation: Concept, Calculation Methods for Ungrouped Data (Elaborate and Concise Methods).
Week 12	Simple correlation, its concept, and methods of calculating it for ungrouped data (lengthy method and shortcut method).
Week 13	The correlation coefficient for grouped data
Week 14	Rank correlation - Correlation, Spearman's rank correlation



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Week 15	Correlation of attribute data. Coefficient of concordance. Coefficient of association Time series. Standard scores.
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Learning and Teaching Resources

	Text	Available in the Library?
Required Texts	Principles of Statistics, Ahmed Tayeb, 2017	Yes
Recommended Texts	. Descriptive Statistics, Taha Hussein Youssef, 2019	yes
Websites		



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