MCAST
Malta College of Arts, Science & Technology

Assessment And Internal Verification Front Sheet- Institute of ICT

Course Title	MCAST BSc. Software Year 3				
Unit Number & Title	4:Statistics for Computer Science				
Assignment Title/Type	Home-Clustering and Randomised Algorithms				
Date Set	24 Nov 2017		Deadline Date	16 Jan 2018	
Student Name	Dorielle Spiteri	ID Number	206997M	Class/group	SWD-6.3B (2017/2018)
❒	**Student's declaration prior to handing-in of assignment:** ❖ I certify that the work submitted for this assignment is my own and that I have read and understood the College Plagiarism Policy (Doc 032 Foundation and Technical College / Doc 099 University College).				
❒	**Student's declaration on assessment special arrangements (Tick only if applicable)** ❖ I certify that adequate support was given to me during the assignment through the Institute and/or the Inclusive Education Unit. ❖ I declare that I refused the special support offered by the Institute.				
Student Signature:			Date:		

Assessment Criteria	Maximum Mark	Mark Achieved
KU1 Define and explain concepts related to probability, statistics and randomised algorithms.		
KU2 Compare and contrast the applications of randomised algorithms with other types of algorithms.		
KU3 Infer statistical information from data using statistical inference.		
KU4 Select the correct techniques to be applied in order to obtain the required statistics.		
KU6 Find and examine clusters within a given data set.		
AA1 Implement a randomised algorithm to solve a given problem.		
AA4 Investigate a given data set and perform dimensionality reduction on that data set.		
AA5 Research existing randomised algorithms and how they can be applied to solve a given problem.		
SE1 Design and implement a solution to a problem using statistical techniques and randomised algorithms.		
SE2 Evaluate the results from statistical techniques and randomised algorithms.		
SE3 Collect and evaluate the results obtained from randomised algorithms.		
Total Mark		

Feedback

	Name & Surname	Signature	Date
Lecturer/Assessor	Andrew Cortis		
Internal Verifier : Approval of assignment brief	Paul Pulis	ELEC SIG	27/11/2017
Internal Verifier : Approval of assessment decisions			
Learner's signature upon collection of corrected assignment			