

BCIS309 Methodology Essay

Produce a fully referenced essay that is at least three-thousand words in length. It should report on the elements of one or more methodologies you identified in the proposal and used in your project. This can focus on the project as a whole or a significant subset of the project. If a team of students are working together, each will focus on a separate subset. This will be marked by an academic leader of the BICT or course convenor in consultation with an academic leader.

Topic

Discuss your topic with your Academic Supervisor and get approval for it. This will be described in your proposal document.

It may be a Big “M: Methodology such as a named approach e.g.

- RUP, Agile, Scrum, Kanban, Microsoft Solutions Framework, Double D, Design Thinking, Microsoft Operations Framework (MOF), Zero Trust Maturity Framework, Proof of Concept, Business Process Analysis, Business Process Improvement, Six Sigma (DMAIC), IT Service Management (ITSM), IT Infrastructure Library (ITIL), The Open Group Architecture Framework (TOGAF), IBM’s Business System Planning, National Institute of Systems and Technology (NIST), Purdue Laboratory for Applied Industrial Control (PERA), Enterprise Architecture Planning (EAP), etc.

It may be a small “m” methodology such as a particular procedure or set of procedures e.g.

- MVC architecture, a software development framework, the best practices of a programming language, the Nine Boxes technique, Software Testing, etc.

The essay should include an Introduction, Conclusion, a Reference section with a list of appropriate references together with in-text referencing using the current APA style. The entire document will have appropriate layout and formatting.

Content

At least 1000 words on the accepted theory or methodology, well referenced from relevant professional standard or Body of Knowledge. Show critical awareness of the weaknesses of the methodology.

At least 1000 words that describes the industrial practice that was observed while carrying out the project, include examples of your own work and examples of other professionals you are working with.

At least 1000 words that compares and contrasts the theory and observed practice and shows critical reflection.

Students should aim to write an essay “to an exceptional standard”. Some or all of the marks will be deducted if your essay:

- Is under the 3000-word minimum length and 1000-word section requirements.
- Has obvious spelling and grammar issues.
- Has obvious layout or document format issues.
- Has significant amount of content (>10%) copied from another source, including your own work from other course assignments, or published work.
- Is factually incorrect.
- Does NOT utilise current correct APA style referencing.

BCIS309 Methodology Essay Marking Student Name:

5/5	4/5	3/5	2/5	1/5	0/5
Has related extensively referenced accepted theory to the industrial practice observed while carrying out the project and reflected upon this, to an exceptional standard. OR Has correctly identified and completely explained the problems encountered while trying to relate accepted theory to the industrial practice observed and reflected upon this while carrying out the project.	Has related well-referenced, accepted theory to the industrial practice observed while carrying out the project and reflected upon this, to a high standard. OR Has correctly identified and mostly explained the problems encountered while trying to relate accepted theory to the industrial practice observed and reflected upon this while carrying out the project.	Has related accepted theory to the industrial practice observed to a satisfactory standard, while carrying out the project and some appropriate reflection upon this. Made use of some references. OR Has correctly identified and satisfactorily explained the problems encountered while trying to relate accepted theory to the industrial practice observed while carrying out the project and some appropriate reflection upon this.	Has related accepted theory to the industrial practice observed while carrying out the project and attempted to reflect upon this. Made use of some references. OR Has correctly identified and partly explained the differences between accepted theory and the industrial practice observed while carrying out the project and attempted to reflect upon this.	Has attempted to relate accepted theory to the industrial practice observed while carrying out the project, with little reflection upon this. Made little use of references. OR Has attempted to identify and explained most of the differences between accepted theory and the industrial practice observed while carrying out the project, with little reflection upon this.	Has not demonstrated an ability to relate accepted theory to the industrial practice observed while carrying out the project, no reflection attempted. OR Has not identified or not explained the differences between accepted theory and the industrial practice observed while carrying out the project, no reflection attempted.

Deductions for:

- Is under the 3000-word minimum length and 1000-word section requirements.
- Has obvious spelling and grammar issues.
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- Has significant amount of content (>10%) copied from another source, including your own work from other course assignments, or published work.
- Is factually incorrect.
- Does NOT utilise current correct APA style referencing.

Mark Awarded:**Examiners Name:****Comments:**