



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	2015_BJAST_17091
Title of the Manuscript:	The Engineering of an Undergraduate Nuclear Education Program in Jordan
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<u>Compulsory</u> REVISION comments	The sentence lies in between the line numbers 107 and 109 must be removed, since this paper will be published in a scientific journal.	I think the sentence reflects one of the main challenges facing the department in trying to educate students in a professional and ethical way, considering it is a highly sensitive field.
<u>Minor</u> REVISION comments	NIL	
<u>Optional/General</u> comments	This paper does not address the safety education and environmental monitoring of radiation in the nuclear education stream of Jordan, which is highly essential and to be addressed. The production of radioactive substance from the reactor plant and its utility in the field of agriculture, food and drug industry and other major industries are to be included in the curriculum and will be taught and trained and hence the economic deficiency in running the reactor may be reduced to some extent. Further, pursuing for fusion reactor design will be appreciable only after reaching sustainability in the establishment of fission reactors. Fuel enrichment and cooling system in the reactor plays a major role in safe running of the reactor and to be addressed and considered seriously.	The Nuclear engineering program courses distribution by specialty area were added in Table-3, showing classroom and lab hours student receives in all specialties including - Radiation and its applications - Safety and radiation protection - Thermal hydraulic and heat transfer - Nuclear materials and Fuel Cycle