Defining the Content of the Undergraduate Systems Analysis and Design Course as Measured by a Survey of Instructors

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Abstract: There are many factors that make the undergraduate systems analysis and design course somewhat enigmatic in its purpose, and therefore equivocal in its delivery. The purpose of this research is to learn, specifically, what instructors are teaching in their systems analysis and design courses. This paper reports the results of a survey and follow up interviews that were administered to instructors of the course located in colleges and universities around the world. Results indicate that there is a fair amount of consensus among instructors as to the course content.

Keywords: IS research toward educators, IS undergraduate curriculum, Pedagogy, Teaching Systems Analysis and Design

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Introduction to System Analysis and Design (SAD) System are created to solve Problems. One can think of the systems approach as an organised way of dealing with a problem. In this dynamic world, the subject system analysis and design, mainly deals with the software development activities. This post include:- What is System? (c) Detailed System Study The detailed investigation of the system is carried out in accordance with the objectives of the proposed system. This involves detailed study of various operations performed by a system and their relationships within and outside the system. The system design involves: i. Defining precisely the required system output ii. Determining the data requirement for producing the output iii. Define course policies. Determine how you will grade all required work, including all assignments, papers, exams, and, if applicable, class participation. Decide ahead of time how you will deal with such issues as tardiness, attendance problems, work turned in late, and requests for extensions or the rescheduling of exams. Learn the Policy on Academic Integrity and develop strategies for preventing and responding to plagiarism and cheating. Include all course policies on the syllabus and plan to review them with students on the first day of class. Focusing only on content can quickly lead you to over-emphasize knowledge-based skills and to ignore the teaching of the higher-level thinking skills in Bloom’s Taxonomy. Links and References for Planning a Course. Bloom, Benjamin (ed). System analysis and design is used to analyze, design and implements improvements in the support of users and functioning of businesses. HOW IS SRS DEVELOPED 1. Analyst examines the current system 2. Find out the shortcomings of the existing system as observed by the user 3. His aim is to develop SRS which is understandable by the user and which can be used for detailed design of the new system IDEAL CHARACTERISTICS OF SRS 1. Complete and unambiguous 2. Specifies operational, tactical and strategic.