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### Abstract

The purposes of this research were to design and develop evaluation criteria for Multimedia Computer Assisted Instruction Program. The data were collected three times from 26 specialists, using the Delphi Technique. The results fell into five categories as follows :

1. The evaluation criteria for the content of the program were the curriculum objectives and ages of the learners including the correct and clear information in sequence relevant to the program.
2. The evaluation criteria for the instructional included the attraction of learners and regular interaction with the learners. The program should respond to individual differences, indicate the activities and demonstrate the map of the program structure which assisted the self-learning.
3. The evaluation criteria for multimedia techniques comprised the design, the text quality, the still picture, animation, video, sound and color.
4. The evaluation criteria for learning assessment covered the criteria of objectives, quality tests, an explanation of the learner assessment, the summary of the learning and the outcomes.
5. The evaluation criteria for usage were the criteria for the learning instruction application, the technical and the usage support.