

Evaluation of Introductory Programming Course for Non-Computer Science Majored Students

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Abstract : Although students' interest level in pursuing Computer Science and related degrees are lower than previous decade, fundamentals of computers, specifically introductory level programming courses are either listed as core or elective courses for a number of non-computer science majors. Universities accommodate these non-computer science majored students either via creating separate sections of a class for them or simply offering mixed-body classroom solutions, in which both computer science and non-computer science students take the courses together. In this work, we demonstrated how we handle introductory level programming course at Sam Houston State University and also provide facts about our observations on students' success during the coursework. Moreover, we provide suggestions and methodologies that are based on students' major and skills to overcome the deficiencies of mix-body type of classes.

Keywords : computer science, non-computer science major, programming, programming education

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