

Teaching Materials and Courseware Construction in Rwanda

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Abstract

As studies specified that students are risk of academic failure. In fact, low grades, high absenteeism, poor comprehension, poor class participation are indicators of poor learning outcomes. In Rwanda, academic performance in secondary schools has been poor. However, differences in academic performance were linked with teaching material. Teaching materials in teaching must be appropriate.

There are many types of teaching materials to be delivered in classroom. Although the conventional styles can be applied in classrooms, the alternative teaching materials can help in improving students' knowledge and skills. However, Information and Communication Technology is spreading around the world as integral parts not only of teaching but in other aspects of human life as well. ICT has brought benefits in making information about them more accessible. In the context of learning, ICT may be referred to as a necessary tool for students who desire further learning. This is also supported by an argument that stated computer technology as an important integral tool in teaching field where the use of computer technology is said to benefit both students and teachers. Its usage alters the traditional roles of teachers in the classroom. The widespread use of ICT tools in teaching has indirectly changed the way the learners interact with the teachers. An example of application of ICT in teaching is interactive courseware. The idea to develop an interactive courseware for basic computer system course to students is just an alternative on how the information source can be spread to the students using the computers. The aim is to assess teaching material and courseware construction of the strength and weaknesses of its instructional material design.

Keywords: teaching materials, Students, Communication Technology,