

**Designing learner-centric e-learning in STEM disciplines**  
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**Lecture - 02**  
**Why should you join and Why?**

Welcome to this course Designing learner centric e-learning in Stem Disciplines. In this course, we will focus on a learner centric approach to the design of e learning to address goals of engagement and the quality of learning experience.

This course is relevant to those who seek to learn how to design effective e-learning, this includes students who may wish to gain the pedagogical knowledge, the strategies that are incorporated in e-learning and also exposure to current technologies for e-learning.

This course could be of interest to teachers, who intend to create engaging online learning content for their students, and it may be of interest to industry professionals such as entry level instructional designers or people who are creating ICT based content. Perhaps even to bloggers or other people who design e-learning material to publish on the web.

This course will also have a lot of activities for you as a participant in this course which will focus not only on understanding of the principles, but also on the application. So, some activities will involve you designing e-learning for a small topic or you may go and interact with some new technology tool and analyze it.

Finally let us come to what is not in this course. So, designing e-learning in addition to learner centric principles involves a great deal of understanding about a systematic process actually a set of systematic processes called instructional design. And there are many strategies in instructional design, there are models of ID there are several tools available and if you are a professional in e-learning industry you would know about most of these this course is not an instructional design course.

So, while we will do a quick overview of instructional design, most of the focus will be one step underlying it; what are the basic principles from which you as a teacher or an instructional

designer or e-learning developer, what are these basic principles that you can draw from to make sure that your content has learner centricity incorporated in it and addresses learner engagement and the quality of the learning experience.