

Types of Independent Learning Modules

Form of Independent Learning Modules	Benefits and Limitations	Examples
<p>Interactive independent learning module Description An e-learning course built with features like animations, interactions, quizzes, voiceover, multimedia, and closed captions. Once students enter the module, they could learn and interact with the content on each page and proceed whenever they feel ready. In case of a quiz, students could answer the question and get pre-defined feedback.</p> <p>Tool: Articulate Storyline</p>	<p>Benefits:</p> <ul style="list-style-type: none"> -A variety of built-in interactions that can help engage learners -Can build very complex interactions -Support features such as voiceover, closed captions, notes, and resources that address different learning preferences and accessibility needs -Easy to integrate a variety of quizzes and provide feedback -Easy to present chunked information in an organized way -Learner progression can be tracked if so desired. -Simple enough for beginners, yet powerful enough for experts <p>Limitations:</p> <ul style="list-style-type: none"> -Learners can't speed up the presentation and embedded audios -Take time and skills to develop highly interactive modules -Doesn't have a native Mac version of Storyline; have to use a virtual environment in order to develop Storyline modules on Mac 	<p>What it is good for: If you need to develop customized, highly interactive e-learning modules, Articulate Storyline modules should be on the top of your list.</p> <p>Examples: Complications of Vascular Occlusion Interventions for Obesity PoHG Problem Set</p>

Form of Independent Learning Modules	Benefits and Limitations	Examples
<p>Interactive Web-based Learning Module Description A web-based course with responsive design that works on any device. It could also include interactions, a few types of quizzes, and multimedia. Once students enter the module, they scroll down the webpage to learn the content.</p> <p>Tool: Articulate Rise</p>	<p>Benefits:</p> <ul style="list-style-type: none"> -A plug and play solution that utilizes template-based content creation -Responsive design with preview function allows users to see how each section of a course will be displayed on desktop, laptop, tablet, and mobile -Simple, neat and stylish interface -Some built-in interactions that can help engage learners -Support multimedia content such as audio and video -Easy to integrate quizzes and provide feedback -Easy to present chunked information in an organized way -Learner progression could be tracked if so desired. -Simple enough for beginners -Can be shared with a web link -Can be published into PDF -Can be downloaded for offline viewing in Google Chrome, Firefox, and Safari. <p>Limitations:</p> <ul style="list-style-type: none"> -Limited customization -Limited options for interactions and quizzes -Rise is only available with an Articulate 360 subscription. 	<p>What it is good for: If you need to quickly create web-based modules that look great and play on different devices, Articulate Rise modules could be a good option.</p> <p>Examples: Radiology ExamSoft: Creating Questions Fermat's Principles</p>

Form of Independent Learning Modules	Benefits and Limitations	Examples
<p>Narrated screencast video</p> <p>Description Instructional videos created by screencasting tools that show your computer screen (and/or your webcam) with audio narration. Once a screencast video is recorded, chapters can be added to the video to help students navigate through the content and quizzes can be integrated to check their knowledge and comprehension.</p> <p>Tool: Kaltura/Echo 360 Universal Capture</p>	<p>Benefits:</p> <ul style="list-style-type: none"> -Very personal and straightforward -Effective and efficient for delivering and explaining content -Deliver lecture presentations in smaller segments -Today's Learners are used to videos -Often times, faculty can do it on their own -Allow students to adjust the speed -Simple for beginners <p>Limitations:</p> <ul style="list-style-type: none"> -Post editing is needed to promote engagement, for instance, chapters and quizzes have to be added after the fact -May need more work when content needs to be updated compared with Storyline and Rise -May need some practice to produce high quality videos 	<p>What it is good for: If you want to present the content in a way similar to traditional lectures, narrated screencast videos could be a good option.</p> <p>Examples:</p>

Form of Independent Learning Modules	Benefits and Limitations	Examples
<p>Annotated PDFs An annotated PDF document that students can download and read at their own pace. It allows students to print and take notes if they choose to. Quizzes and feedback can be integrated in written form.</p> <p>Tools: Adobe Acrobat/PowerPoint/Word</p>	<p>Benefits:</p> <ul style="list-style-type: none"> -Effective and efficient in delivering content -Give students extra flexibility (Download, print and take notes) -Meet the needs of visual learners who prefer to read -Easy to develop based on existing resources -Oftentimes, faculty can do it on their own -Simple for beginners <p>Limitations:</p> <ul style="list-style-type: none"> -Lack of interactions 	<p>What it is good for: If you need to quickly develop learning materials that deliver content efficiently and provide students with options to print and take notes, annotated PDFs could be a good option.</p> <p>Examples: Erica & Lela Project</p>