

Creating Recordings for Your Students: Working Through Problems and Examples

Many courses require students to solve problems. Often times the best way for them to learn how to solve problems is by watching someone walk and think through each of the required steps. When this process is recorded, students have the power to speed up or slow down the process and watch it as many times as they need to before it sticks.

These tools allow you to record demos and solutions:

Method	What is captured?	What do you need?	Where can you find it?	Other useful info
<p>Screencast-O-Matic used to capture worked problems in Excel or PowerPoint</p>  	<p>Audio</p> <p>Excel cells or PowerPoint slides</p> <p><i>Webcam video (optional)</i></p> <p>Click for an example</p>	<p>Microphone</p> <p>Free Screencast-O-Matic account</p> <p><i>Webcam (optional)</i></p>	<p>Screencast-O-Matic</p> <p>Screenr (Screen recording alternative to Screencast-O-Matic)</p>	<p>The free version of Screencast-O-Matic has a 15-minute recording limit. The Pro account for \$15 is unlimited.</p> <p>Draft each step of the problem first before beginning to record.</p>
<p>Screencast-O-Matic used to capture any website or software</p> 	<p>Any website or software that can be displayed on your computer screen</p> <p>Mouse clicks and movement</p> <p>Audio</p> <p><i>Webcam video (optional)</i></p> <p>This is a great process for making tutorials, just like the intro video for the new portal.</p>	<p>Microphone</p> <p>Free Screencast-O-Matic account</p> <p><i>Webcam (optional)</i></p>	<p>Screencast-O-Matic</p> <p>Screenr (Screen recording alternative to Screencast-O-Matic)</p>	<p>When you publish your Screencast-O-Matic videos, you can choose to show your mouse clicks, which can be helpful when sharing tutorials with your students.</p> <p>Check out this Screencast-O-Matic Guide (PDF).</p>

If you need any help selecting or using these tools, contact the Instructional Design team: idteam@lasalle.edu.

Working Through Problems and Examples

Method	What is captured?	What do you need?	Where can you find it?	Other useful info
<p>Webcam, smartphone camera or other video recorder used to capture written work on paper or a whiteboard</p> 	<p>Audio</p> <p>Video</p> <p>Paper or whiteboard</p> <p>Click for an example</p>	<p>Webcam or video recorder</p> <p>Tripod: This will help focus the recorder on what you are capturing, leaving your hands free to write. They likely make tripods for your device.</p> <p><i>External microphone (optional): Adding an external mic will boost your sound quality.</i></p>	<p>You can host your videos on YouTube or upload them directly to Blackboard.</p>	<p>It is best to do a short practice video first to make sure the camera is in a good position so that your written work is visible, your hands do not get in the way, there is enough light in the room while you record, and the audio quality is good enough.</p>
<p>Echo Smartpen used to capture written notes and audio</p> 	<p>Written notes that are automatically digitized and synchronized with your audio to result in “pencasts”</p> <p>Click for a demo or view Bill Weaver's Prezi</p>	<p>Echo smartpen, software, and specialized paper notebook</p>	<p>Smartpens (including the new wifi version) and the other required materials are sold on livescribe's website.</p>	<p>A few faculty members at La Salle are beginning to pilot this tool for creating “pencasts” for their students. Contact the ID Team if you want us to put you in touch with one of these pen pioneers.</p>
<p>Educreations and a stylus to record narrations, images and writings</p> 	<p>Solutions to written problems and equations</p> <p>Audio narration</p> <p>Images</p> <p>Annotations</p> <p>Click for an example by Pat Bicknell</p>	<p>A free Educreations account</p> <p>iPad with stylus</p>	<p>Educreations iPad app (free)</p>	<p>This tool is best for short, informal lectures or tutorials (under 5 minutes). There is no way to save your progress before recording and you cannot re-record your audio.</p> <p>Your lesson must be made public to embed or share the link on your Blackboard course.</p>

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