EFFECTIVE ASYNCHRONOUS LESSON

Mohamad Faiz Zainuddin
Department of Environment,
Faculty of Forestry and Environment,
Universiti Putra Malaysia

Member
Jawatankuasa Inovasi Pengajaran dan Pembelajaran
Universiti Putra Malaysia
AGENDA

1. Introduction
2. Creating lecture video (PP, Zoom and Screencast-o-matic)
3. Setting up forum/board discussion on PutraBlast
4. Collaborative work with Canva and Google Doc
5. Interactive course presentation with H5P
6. Tips and suggestion
WHAT IS NOT COVERED

1. How to create interactive video with H5P
2. Uploading a video on YouTube
3. eAssessment
What is asynchronous teaching?

• Non-real time
• Low-bandwidth
• Self-paced learning
Why asynchronous teaching?

- Limited access to high speed internet connection
- Laptop/PC might be shared by others in the family
- Caring/helping others
Benefit and challenges

Benefit:
• Flexibility
• Pacing

Challenges:
• Isolation (no human-to-human interaction)
• Giving instructions/confusion
• Time consuming
Strategy

- Prepare interactive content
- Curate content – promote collaborations
- Constant communication with students via whatsapp/telegram/email
- Time management
Tools
Create a video with PowerPoint
Create a video with PowerPoint

Press record when ready

Pen/eraser tool

Camera on/off
Create a video with PowerPoint

- Play back the whole video
- Play back voice over
Create a video with PowerPoint
Create a video with PowerPoint
Create a video with Zoom
Create a video with Zoom

- Show/share PP slides, Microsoft Note, etc
- Do not invite anyone
- Start/stop recording
- End when done
- End Meeting
Create a video with Zoom

- Present slides in full screen mode
- Camera on
- Pen/scribble tool
Create a video with Zoom

Find recorded video in the directory
Create a video with Screencast-o-matic

Launcher

Installer
Create a video with Screencast-o-matic

- Adjust dimension of your recording
- Enable/disable webcam
- Record
Create a video with Screencast-o-matic
Create a video with Screencast-o-matic
Create a video with Screencast-o-matic
## File size comparison (10 second recording)

<table>
<thead>
<tr>
<th>Medium/Tool</th>
<th>Size</th>
<th>Rate</th>
<th>Frame per second</th>
</tr>
</thead>
<tbody>
<tr>
<td>PowerPoint and camera turned on*</td>
<td>996 kB</td>
<td>573 kbps</td>
<td>30.30</td>
</tr>
<tr>
<td>PowerPoint with voice over only*</td>
<td>232 kB</td>
<td>10 kbps</td>
<td>30.30</td>
</tr>
<tr>
<td>Zoom (sharing PP slide and camera turned on)</td>
<td>305 kB</td>
<td>154 kbps</td>
<td>25.00</td>
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<tr>
<td>Zoom (sharing PP slide and voice over only)</td>
<td>248 kB</td>
<td>130 kbps</td>
<td>25.00</td>
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<tr>
<td>Screencast-o-matic (sharing PP slide and camera turned on)†</td>
<td>219 kB</td>
<td>77 kbps</td>
<td>25.09</td>
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<tr>
<td>Screencast-o-matic (sharing PP slide and voice over only)†</td>
<td>199 kB</td>
<td>40 kbps</td>
<td>25.08</td>
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</tbody>
</table>

* The lowest resolution (480p)
† Resolution (1358 x 768)
† No post-processing
Other video making tools

- Cisco webex
- Biteable
- Powtoon
- Animoto
- Moovly
Setting up Forum on PutraBlast
Setting up Forum on PutraBlast

Example 1

Add a new discussion topic

Subject

Question 1

Message

Which one is more energy efficient? Electric car or hybrid car? Provide your argument.

Post to forum  Cancel  Advanced

There are required fields in this form marked 1.
(There are no discussion topics yet in this forum)
Google Doc
Google Doc

- Share with others
- Let others edit
- Track changes
Course Presentation in H5P
Course Presentation in H5P
Course Presentation in H5P

Add text, pictures, links etc

Add more slides
Course Presentation in H5P

Add quiz
Tips and suggestions

• Do not expect perfection
• “Bite-size” 5 - 15 minutes long video
• Allow sufficient time
• Low-tech delivery and assignment
• Do not overwhelm yourself and your students
Thank you