## **Creating Multimedia Resources Depending on Instructors' Needs**



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## Necessitv The Idea Pros **Case Study** A huge ocean of multimedia

- Multimedia has a positive effect on people's lifelong learning
- Students can go with multimedia through their mobile device
- students - Preparing, managing and choosing the best resources by teachers

SOUTH SEATTLE COLLEGE

information in front of

- Speeds up the teaching process.
- · Helps instructors use the "Multimedia Representation" in their real or virtual class.
- Helps to plan, make and prepare some part of curriculum, observing a phenomena, demonstrating, explaining practices and lab activities.

## Spring quarter 2019

- Two-year college, 17 Students
- Introductory, Algebra-based General Physics for STEM major

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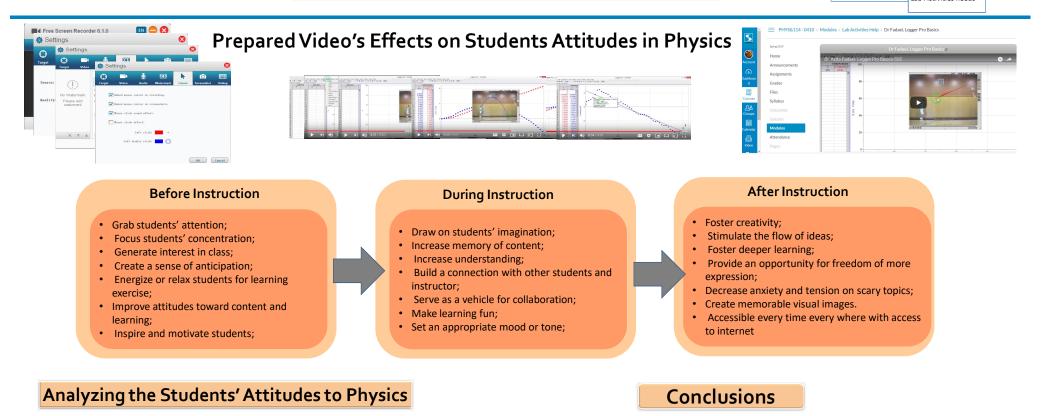
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 Demo:1 instructional 10 minute video on Canvas, Youtube,

	Der	hics		
emo Prepared Video by Instructor				
ntroducing f Logger Pi	ro	Free Additional Appl	ication Prepared Video	
		Screen Recorder		
Free dowr ccessible f nonth on P	or one	- Free download Soft ware accessible for every one to produce videos from monitor	Canvas, Yout ube - Accessible for students to learn every time, every where, depending on	
			Lab Activities needs	



Students have positive ideas about the prepared video by

- instructor.
- Prepared video by instructor helped students to find the their previous experiences of physics learning.
- o Prepared video by instructor gave students the especial positive attitude to use multimedia in their learning process.
- Prepared video by instructor gave students the idea about applying technology in physics classes.
- context more accessible, interesting and memorable than  $\circ$  Prepared video by instructor gave students the idea that learning is easer and faster than their previous experiences of physics learning.
  - o Instructors can prepare videos depending on their instructional needs.

## AAPT 2019 FACULT NNOVATION

American Association of Physics Teachers

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