

INSTITUTE FOR CAPACITY DEVELOPMENT | ONLINE LEARNING UNIT

MOOC EDUCATIONAL VIDEO TYPE MENU

About the Video Types:

- Each video type aims to provide the learner/participant with a simultaneous view of the presenter(s) and the content. This is beneficial for the following reasons:
- ▶ To closely **simulate the traditional face-to-face environment** for both the viewer and instructor;
 - ▶ For supporting **social presence** and fostering community;
 - ▶ For allowing **emphasis on selective live annotation**;
 - ▶ For allowing the use of **non-verbal cues**; and
 - ▶ For enhanced management of learner/participant **cognitive processes**.

Additional Notes on Instructional Materials:

- ▶ A monitor and green screen are strategically used to present content.
- ▶ Presented slides and other visuals are at a 16:9 ratio, or 1920x1080 pixels.
- ▶ Diagrams and other visual should be created in programs designed for the respective type of material.
- ▶ Instructional materials style and use of color are determined by the Instructional Designer and in alignment with ICD-OLU standards.

MOOC Educational Video Types Menu:

Type 1	Whiteboard Simulation
Type 2	News Broadcast
Type 3	Whiteboard Simulation and News Broadcast Hybrid
Type 4	Expert Conversation
Type 5	Non-Expert Interview/Conversation
Type 6	Excel Demonstration
Type 7	Excel Demonstration with Focused Open/Close
Type 8	Excel Demonstration and Non-Expert Interview Hybrid
Type 9	Discussion Forum Setup
Type 10	Discussion Forum Setup with Course/Module Content

MOOC EDUCATIONAL VIDEO TYPES

TYPE 1
WHITEBOARD SIMULATION

Video Type Description:

A lecture-based format that persistently shows the instructor and content. This type simulates the traditional face-to-face environment for both the instructor and participant.

1. Use of Green Screen

Background Image	Instructional Content
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2. Possible Instructional Content Presentation

Green Screen (Viewing Content)	Large Monitor (Content Highlighting)	Telestrator Only (Voice-Over Content)	Surface Hub (Touch Interaction)
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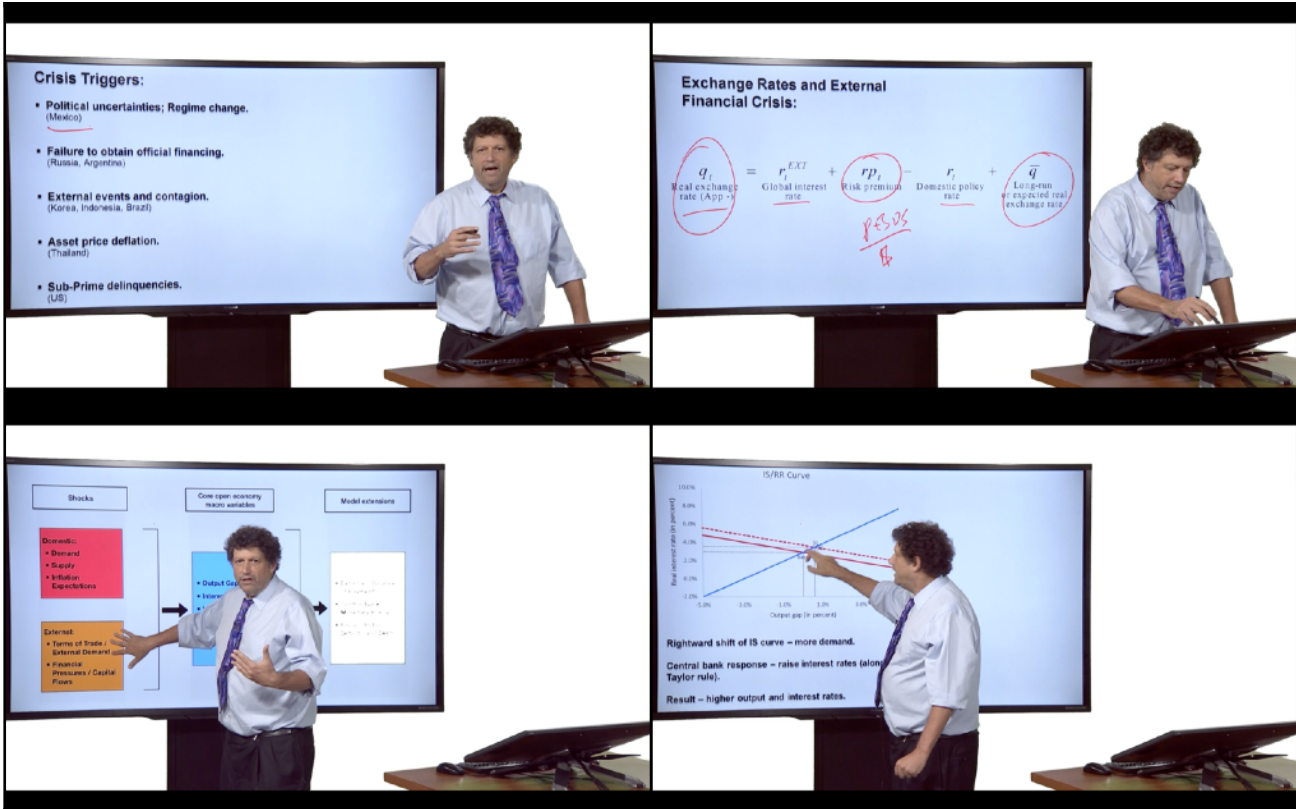
3. Recommended On-Screen Action

Annotating (Highlighting Content)	Demonstrating (ex. Spreadsheets)	Lecturing (ex. Slides)	Pointing (Non-Verbal Cues)
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4. Persistent Options

>1 Camera (Multiple Angles)	Teleprompter (Use of Script)	Clicker (Presentation Control)	
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Example Screenshots:



MOOC EDUCATIONAL VIDEO TYPES

TYPE 2
NEWS BROADCAST

Video Type Description:

A lecture-based format that persistently shows the instructor and content. This type allows the instructor to virtually ‘touch’ the content and/or have the content animate around the instructor.

1. Use of Green Screen

Background Image	Instructional Content
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2. Possible Instructional Content Presentation

Green Screen (Viewing Content)	Large Monitor (Content Highlighting)	Telestrator Only (Voice-Over Content)	Surface Hub (Touch Interaction)
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3. Recommended On-Screen Action

Annotating (Highlighting Content)	Demonstrating (ex. Spreadsheets)	Lecturing (ex. Slides)	Pointing (Non-Verbal Cues)
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4. Persistent Options

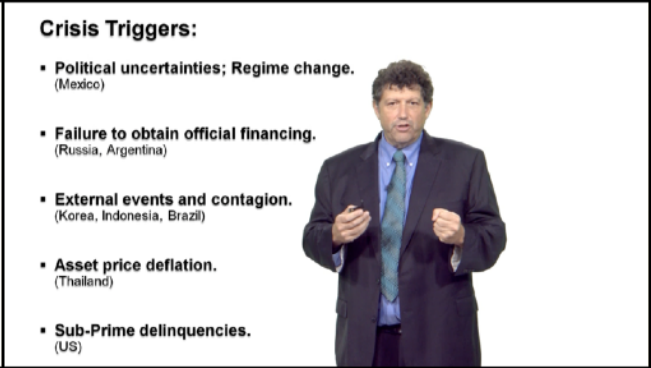
>1 Camera (Multiple Angles)	Teleprompter (Use of Script)	Clicker (Presentation Control)	
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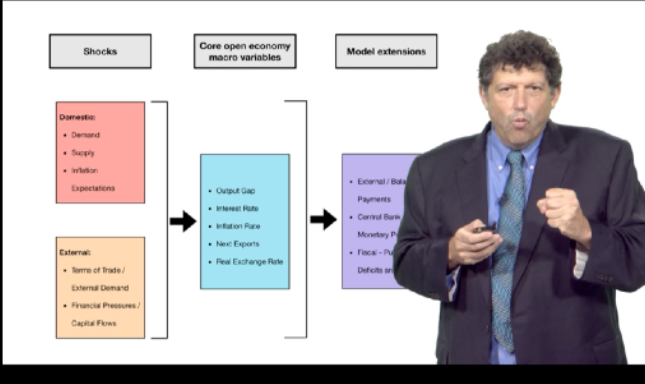
Example Screenshots:



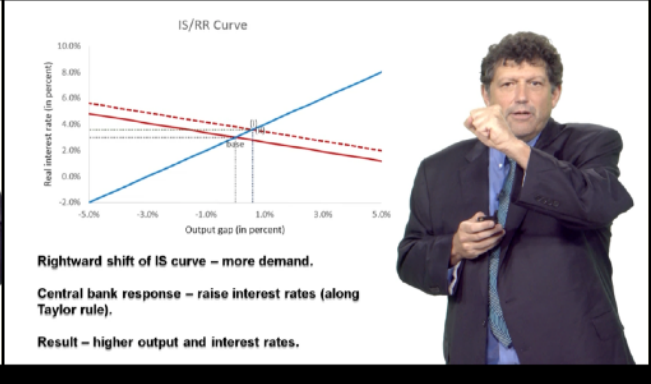
Crisis Triggers:

- **Political uncertainties; Regime change.**
(Mexico)
- **Failure to obtain official financing.**
(Russia, Argentina)
- **External events and contagion.**
(Korea, Indonesia, Brazil)
- **Asset price deflation.**
(Thailand)
- **Sub-Prime delinquencies.**
(US)





IS/RR Curve



Rightward shift of IS curve – more demand.

Central bank response – raise interest rates (along Taylor rule).

Result – higher output and interest rates.

MOOC EDUCATIONAL VIDEO TYPES

TYPE 3
WHITEBOARD SIMULATION AND NEWS BROADCAST HYBRID

Video Type Description:

A lecture-based format that persistently shows the instructor and content. This type blends opportunities for virtual ‘touch’, live annotation, and animation.

1. Use of Green Screen

Background Image	Instructional Content
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2. Possible Instructional Content Presentation

Green Screen (Viewing Content)	Large Monitor (Content Highlighting)	Telestrator Only (Voice-Over Content)	Surface Hub (Touch Interaction)
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3. Recommended On-Screen Action

Annotating (Highlighting Content)	Demonstrating (ex. Spreadsheets)	Lecturing (ex. Slides)	Pointing (Non-Verbal Cues)
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4. Persistent Options

>1 Camera (Multiple Angles)	Teleprompter (Use of Script)	Clicker (Presentation Control)	
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Example Screenshots:

Crisis Triggers:

- Political uncertainties; Regime change. (Mexico)
- Failure to obtain official financing. (Russia, Argentina)
- External events and contagion. (Korea, Indonesia, Brazil)
- Asset price deflation. (Thailand)
- Sub-Prime delinquencies. (US)

Exchange Rates and External Financial Crisis:

$$q_t = r_t^{EXT} + r_t^{PR} - r_t^{DP} - \bar{q}$$

Real exchange rate (App-3) = Global interest rate + Risk premium - Domestic policy rate - Long-run expected real exchange rate

Shocks

Core open-economy macro variables

Model extensions

Domestic: Demand, Supply, Inflation, Expectations

External: Terms of Trade, External Demand, Foreign Reserves, Capital Flows

Output Gap, Interest Rate, Inflation Rate, Net Exports, Real Exchange Rate

Exports / Balance of Payments, Current Account, Monetary Policy, Fiscal - Public Deficits and Debt

IS/RR Curve

$v = L - \pi$

Rightward shift of IS curve – more demand.

Central bank response – raise interest rates (along Taylor rule).

Result – higher output and interest rates.

MOOC EDUCATIONAL VIDEO TYPES

TYPE 4
EXPERT CONVERSATION

Video Type Description:

A conversation-based format that highlights a interaction between experts around specific content. This type provides some insight into multiple perspectives and challenges on a given topic.

1. Use of Green Screen

Background Image	Instructional Content
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2. Possible Instructional Content Presentation

Green Screen (Viewing Content)	Large Monitor (Content Highlighting)	Telestrator Only (Voice-Over Content)	Surface Hub (Touch Interaction)
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3. Recommended On-Screen Action

Annotating (Highlighting Content)	Demonstrating (ex. Spreadsheets)	Lecturing (ex. Slides)	Pointing (Non-Verbal Cues)
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4. Persistent Options

>1 Camera (Multiple Angles)	Teleprompter (Use of Script)	Clicker (Presentation Control)	
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Example Screenshots:



MOOC EDUCATIONAL VIDEO TYPES

TYPE 5
NON-EXPERT INTERVIEW/CONVERSATION

Video Type Description:

A conversation-based format that provides an example of an expert answering questions, discussing, and interacting with a non-expert on specific content. This conversation may be guided by the non-expert filling the role that a participant would normally play face-to-face.

1. Use of Green Screen

Background Image	Instructional Content
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2. Possible Instructional Content Presentation

Green Screen (Viewing Content)	Large Monitor (Content Highlighting)	Telestrator Only (Voice-Over Content)	Surface Hub (Touch Interaction)
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3. Recommended On-Screen Action

Annotating (Highlighting Content)	Demonstrating (ex. Spreadsheets)	Lecturing (ex. Slides)	Pointing (Non-Verbal Cues)
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4. Persistent Options

>1 Camera (Multiple Angles)	Teleprompter (Use of Script)	Clicker (Presentation Control)	
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Example Screenshots:



MOOC EDUCATIONAL VIDEO TYPES

TYPE 6
EXCEL DEMONSTRATION

Video Type Description:

A demonstration-based format that persistently shows the instructor and content. This type simulates the traditional face-to-face environment for both the instructor and participant.

1. Use of Green Screen

Background Image	Instructional Content
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2. Possible Instructional Content Presentation

Green Screen (Viewing Content)	Large Monitor (Content Highlighting)	Telestrator Only (Voice-Over Content)	Surface Hub (Touch Interaction)
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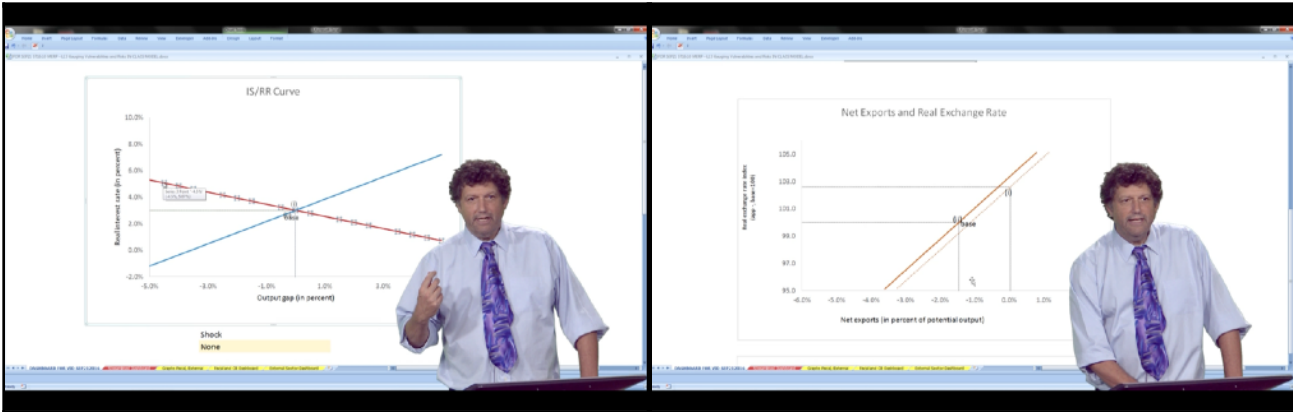
3. Recommended On-Screen Action

Annotating (Highlighting Content)	Demonstrating (ex. Spreadsheets)	Lecturing (ex. Slides)	Pointing (Non-Verbal Cues)
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4. Persistent Options

>1 Camera (Multiple Angles)	Teleprompter (Use of Script)	Clicker (Presentation Control)	
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Example Screenshots:



MOOC EDUCATIONAL VIDEO TYPES

TYPE 7
EXCEL DEMONSTRATION WITH FOCUSED OPEN/CLOSE

Video Type Description:

A demonstration-based format that persistently shows the instructor and content. This type simulates the traditional face-to-face environment, but opens and closes with a focused lecture.

1. Use of Green Screen

Background Image	Instructional Content
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2. Possible Instructional Content Presentation

Green Screen (Viewing Content)	Large Monitor (Content Highlighting)	Telestrator Only (Voice-Over Content)	Surface Hub (Touch Interaction)
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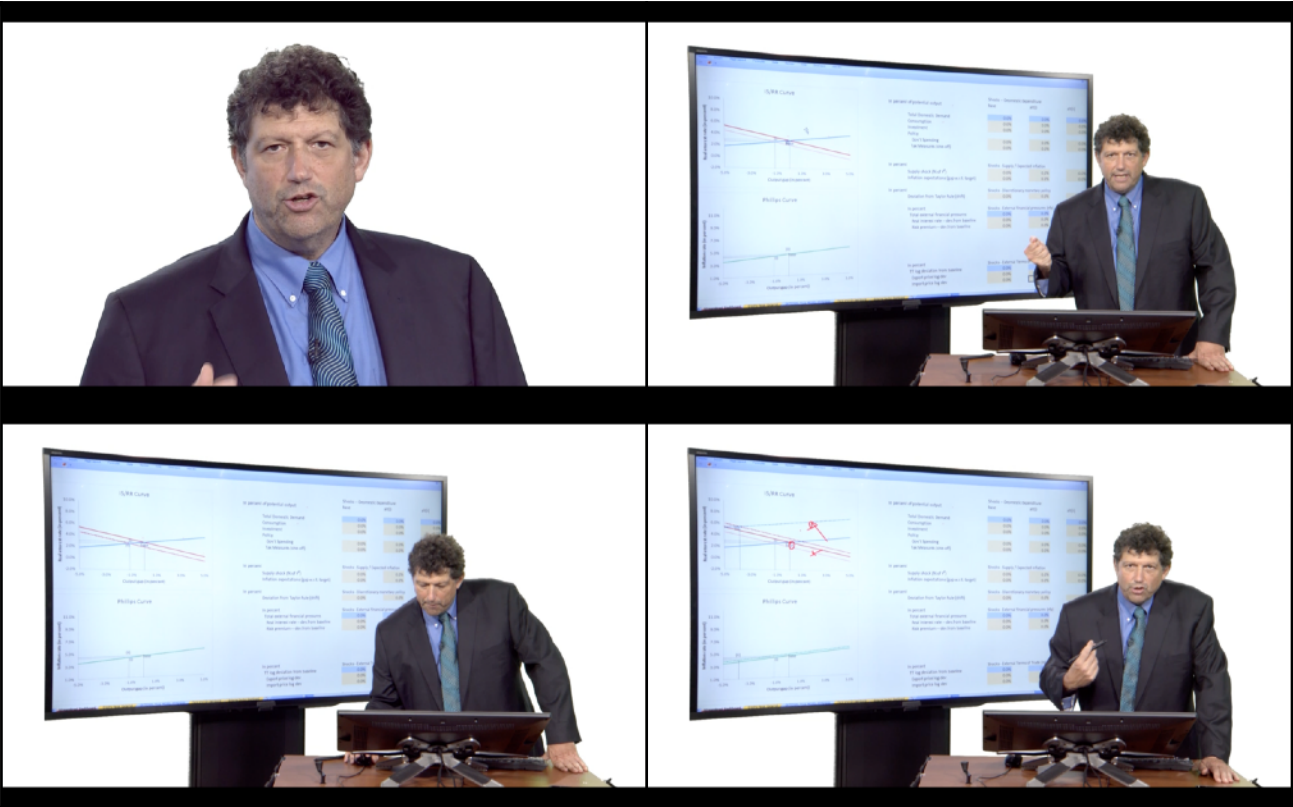
3. Recommended On-Screen Action

Annotating (Highlighting Content)	Demonstrating (ex. Spreadsheets)	Lecturing (ex. Slides)	Pointing (Non-Verbal Cues)
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4. Persistent Options

>1 Camera (Multiple Angles)	Teleprompter (Use of Script)	Clicker (Presentation Control)	
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Example Screenshots:



MOOC EDUCATIONAL VIDEO TYPES

TYPE 8
EXCEL DEMONSTRATION AND NON-EXPERT INTERVIEW HYBRID

Video Type Description:

A demonstration and interview hybrid format that persistently shows the presenters and content. Like Type 5, this discussion is guided by the non-expert with the expert demonstrating activities.

1. Use of Green Screen

Background Image	Instructional Content
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2. Possible Instructional Content Presentation

Green Screen (Viewing Content)	Large Monitor (Content Highlighting)	Telestrator Only (Voice-Over Content)	Surface Hub (Touch Interaction)
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3. Recommended On-Screen Action

Annotating (Highlighting Content)	Demonstrating (ex. Spreadsheets)	Lecturing (ex. Slides)	Pointing (Non-Verbal Cues)
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4. Persistent Options

>1 Camera (Multiple Angles)	Teleprompter (Use of Script)	Clicker (Presentation Control)	
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Example Screenshots:



MOOC EDUCATIONAL VIDEO TYPES

TYPE 9
DISCUSSION FORUM SETUP

Video Type Description:

A short summarization of preceding content and activities, followed by asking one or two questions for participants to respond to in the discussion forum.

1. Use of Green Screen

Background Image	Instructional Content
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2. Possible Instructional Content Presentation

Green Screen (Viewing Content)	Large Monitor (Content Highlighting)	Telestrator Only (Voice-Over Content)	Surface Hub (Touch Interaction)
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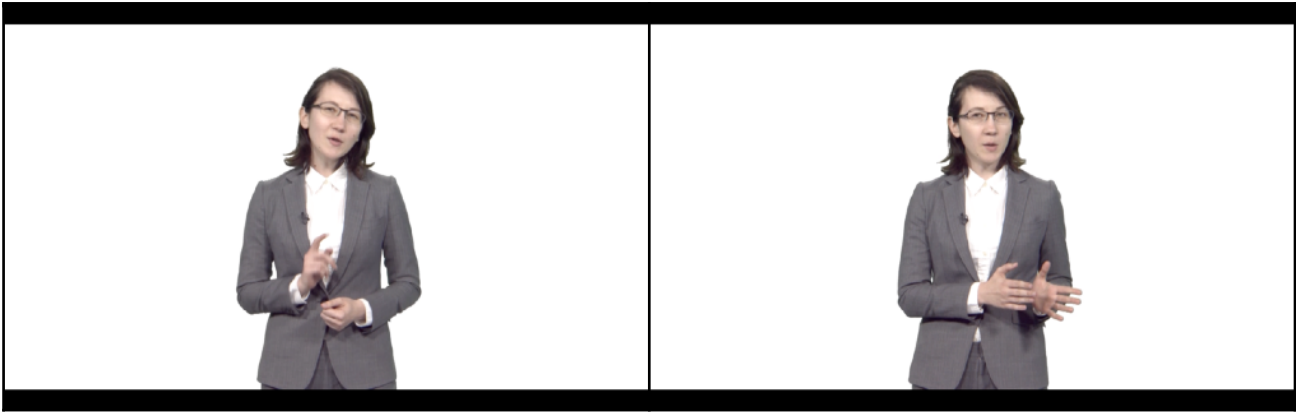
3. Recommended On-Screen Action

Annotating (Highlighting Content)	Demonstrating (ex. Spreadsheets)	Lecturing (ex. Slides)	Pointing (Non-Verbal Cues)
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4. Persistent Options

>1 Camera (Multiple Angles)	Teleprompter (Use of Script)	Clicker (Presentation Control)	
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Example Screenshots:



MOOC EDUCATIONAL VIDEO TYPES

TYPE 10
DISCUSSION FORUM SETUP WITH COURSE/MODULE CONTENT

Video Type Description:

A short summarization of preceding content and activities, followed by asking one or two questions for participants to respond to in the discussion forum.

1. Use of Green Screen

Background Image	Instructional Content
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2. Possible Instructional Content Presentation

Green Screen (Viewing Content)	Large Monitor (Content Highlighting)	Telestrator Only (Voice-Over Content)	Surface Hub (Touch Interaction)
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3. Recommended On-Screen Action

Annotating (Highlighting Content)	Demonstrating (ex. Spreadsheets)	Lecturing (ex. Slides)	Pointing (Non-Verbal Cues)
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4. Persistent Options

>1 Camera (Multiple Angles)	Teleprompter (Use of Script)	Clicker (Presentation Control)	
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Example Screenshots:

