

INFORMATION TECHNOLOGY SERVICES

MULTIMEDIASERVICES

UC SAN DIEGO

Studio U and MediaSpace Overview

Multimedia Services: Studio U

- What is Studio u
 - Free, self-service recording space
 - Open to all faculty/staff
 - Simple controls
 - On-call remote support

- Availability
 - Weekdays with three 2-hour slots
 - 8am-10am
 - 10:30am-12:30pm
 - 1pm-3pm



Contact studiou@ucsd.edu

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π Na⁺ Formulas in Practice

Free Water Deficit :

$$FW \text{ Deficit} = 0.6 \times \text{weight (kg)} \times \left(\frac{\text{Current Na}}{140} - 1 \right)$$

$$\text{expected change in Na} = \frac{(\text{infusate sodium concentration} - \text{serum sodium concentration})}{(\text{total body water} + 1)}$$



The Budget Constraint

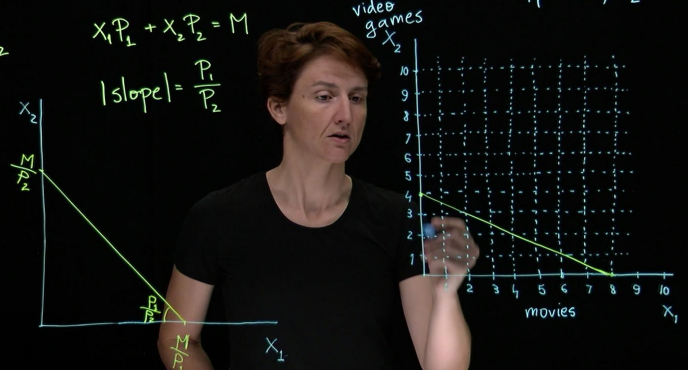
Parameters:

Budget M
Prices P_1, P_2

Variables:
Quantities
 X_1, X_2

$$X_1 P_1 + X_2 P_2 = M$$

$$|\text{slope}| = \frac{P_1}{P_2}$$



Completely Self-Service

After a 30-Minute Orientation

Ganglionic

Heart
HR
Conduction velocity
Contractility

Blood vessels

Lungs

GI Tract

Smooth

SM internal sphincter

Urinary Tract

Bladder SM

SM internal sphincter

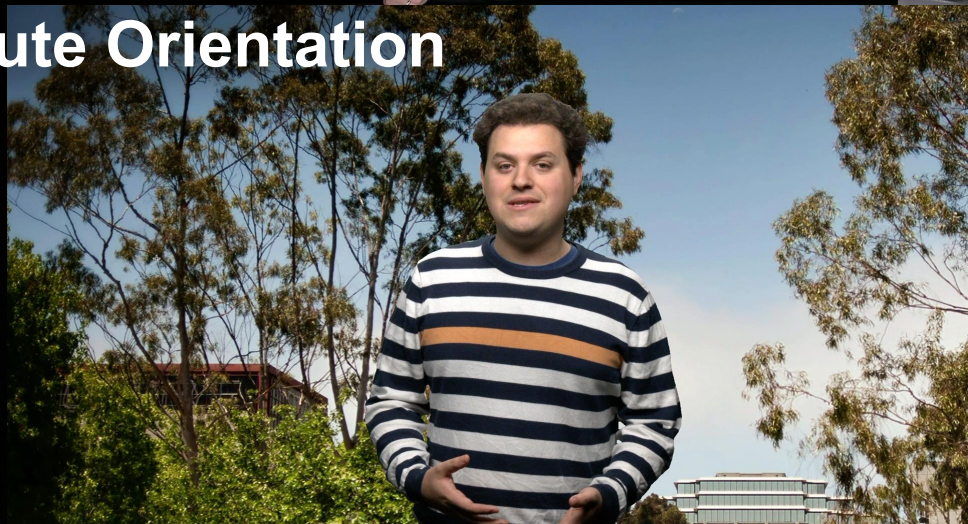
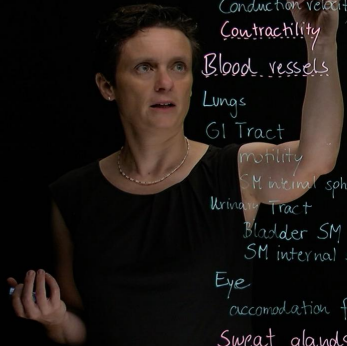
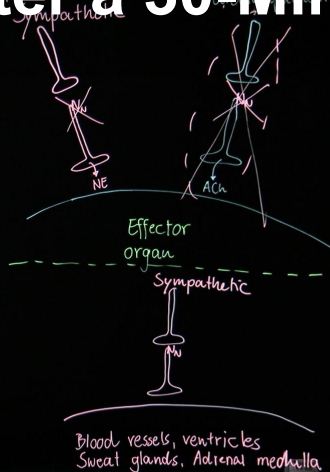
Eye

accomodation for

Sweat glands:

vision

sweating



Multimedia Services: MediaSpace

Recording

- Kaltura Capture
- Zoom integration

Storage

- Unlimited storage
- No file size limits
- Evergreen content*
- Shared repository with Canvas

Editing

- Cuts
- Captions
- Chapters
- Attachments
- In-video quizzes
- Hotspots

Delivery

- Multi-stream videos
- Customized players
- Channels
- Unlisted links
- Embed codes

Support: kaltura@ucsd.edu

<https://mediaspace.ucsd.edu>

Multimedia Services: Kaltura Analytics

End User Storage

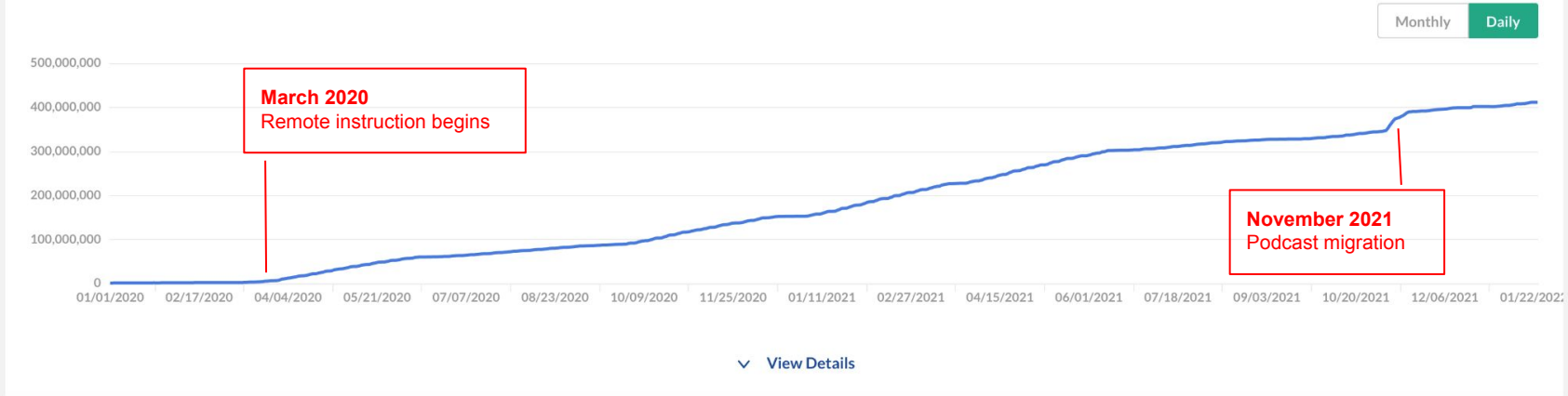
Export Filter 755 Days Jan 1, 2020 - Jan 24, 2022

All Users

Total Storage
392.3 TB

Total Entries
648,893

Total Minutes
28,637,354 Min



Full video production services, Kaltura documentation,
best practices articles and more at:

multimedia.ucsd.edu