

# **Home Entertainment Technology Handout**

## **Different ways to watch TV**

1. Digital Antenna
2. Cable packages
3. Streaming platforms

## **Digital Antenna**

- TV antennas allow you to pick up extra channels in your area.
- These 'live over-the-air' channels may include: ABC, CBS, FOX, NBC, PBS affiliates and independent stations.
- An indoor digital antenna hooks up to a single TV to pick up over-the-air programming.

## **Cable packages**

Cable and Internet bundle deals

## **Streaming platforms**

- An online provider of entertainment (music, movies, etc.) that delivers the content via an Internet connection to the subscriber's computer, TV or mobile device.
- Netflix, Amazon Prime and Hulu are high-profile examples

## **Streaming Review**

- The technology of transmitting audio and video files in a continuous flow over a wired or wireless internet connection.
- Streaming refers to any media content – live or recorded – delivered to computers and mobile devices via the internet and played back in real time.

## **Different platforms to stream**

- Major streaming platforms
- Streaming Cable
- Individual Network apps

## **Netflix**

- Netflix offers thousands of TV shows and movies of every genre and interest.
- Netflix offers full seasons of popular TV shows, exclusive blockbuster movies and award winning Netflix original programming

## **Hulu**

- **Hulu** offers current episodes of network TV shows, full seasons of exclusive series, movies and its own award winning original programming.
- Hulu partners with major companies such as *FOX, ABC, NBC, CBS, ESPN, AMC* and *BBC*.

- These partnerships enable Hulu to stream content right after it airs on cable TV.

### **Amazon Prime Video**

- **Amazon Prime Video** is a streaming service that is automatically included with every Amazon Prime membership.
- Amazon has its own original programming, as well as options to rent other premium content
- You can also subscribe to other networks and pay an additional monthly cost

### **Disney Plus**

- **Disney Plus** is an on-demand, ad-free streaming service where subscribers will be able to enjoy media content from Disney, Pixar, Marvel, Star Wars, National Geographic and 20th Century Fox.
- This subscription also includes original programming exclusive to Disney+.

### **Discovery Plus and Paramount Plus**

- **Discovery Plus** is designed to provide easy access to all your favorite Discovery, TLC, Animal Planet, Food Network and HGTV series in **one on-demand streaming app**.
- The service also features a selection of brand-new exclusive programs you won't find anywhere else.
- **Paramount Plus** offers content from a variety of ViacomCBS brands

- Available TV channels include: *MTV, BET, Comedy Central, Nickelodeon* and *CBS* — the service also brings selections from the Paramount Pictures movie studio.
- Live news and sports, plus on-demand films and TV shows are available as well.

**Options for streaming live-TV**

- Sling TV
- Hulu Plus Live TV
- Fubo TV
- YouTube TV
- AT&T TV

Source: [cnet.com](http://cnet.com)

TOP LIVE TV STREAMING SERVICES COMPARED					
	AT&T TV	FuboTV	Hulu Plus Live TV	Sling TV	YouTube TV
Base price	\$70/month for 65-plus channels	\$60/month for 100-plus channels	\$65/month for 65-plus channels	\$35/month for 30-plus (Orange) or 45-plus (Blue) channels	\$65/month for 85-plus channels
Free trial	Yes	Yes	Yes	Yes	Yes
ABC, CBS, Fox and NBC channels	Yes, in many markets	Yes, in many markets	Yes, in many markets	Fox and NBC only in select cities	Yes, in many markets
Simultaneous streams per account	20 (in home, 3 outside of it)	2 (\$6 option for 3)	2 (\$15 option for unlimited)	1 (Orange), 3 (Blue)	3
Family member/user profiles	No	Yes	Yes	No	Yes
Cloud DVR	Yes (20 hours, unlimited for \$10 a month)	Yes (30 hours, 500 hours for \$10 a month)	Yes	Yes (50 hours, 200 hours for \$5 a month)	Yes
Fast-forward through or skip commercials with cloud DVR	No (Yes with \$15 option)	Yes	No (Yes with \$10 option)	Yes	Yes

## **Streaming Cable**

- You can stream your cable subscription on your mobile device! does — This also makes outside reading on an e-reader much easier compared to LED devices, which are not as efficient in their visibility when sunlight is present.

## **TV Everywhere — Authentication Service**

- This refers to a subscription business model, where users must authenticate themselves to gain access to certain streaming platforms A digital library you can access any time, any where.

## **Network apps**

- HBO GO
- ABC, CBS, FOX, NBC
- Turner Classic Movies

## **Digital Media Players**

- **A device that streams content from the Internet or a computer to a TV.**
  - Examples include: *a smart TV, stereo, home theater system or game console* that plays audio or video material and/or displays photos.
- Connects to the user's internet network via Ethernet or Wi-Fi and to the TV (A/V receiver) using an HDMI cable.

## **Roku**

- **Best overall streaming device** with the most options
- Cheap and cost effective
- Airplay features allow you to mirror compatible smart devices to your TV

## **Firestick**

- Amazon's Digital Media Player
- Built in voice remote featuring Alexa

## **Apple TV**

- Best for Apple Fans
- Syncs with other Apple devices
- Features Siri, games and other Apple Bundles

## **Google Chromecast**

- Works well with other Google services such as Youtube TV and Google Photos
- Best for users already using Google smart products

## **Smart TV**

- Smart TVs incorporate software that allows you to access and manage streaming platforms and other apps without the need to connect to an additional box (such as cable, Roku, Apple TV, Firestick, etc.)
- The TV must be connected to the internet via wifi or ethernet