

# DIGITAL CAMERAS

Tips on Selecting and Purchasing the Right Camera for You



# Getting Started

- What is a digital camera?



# Types of Digital Cameras

- Subcompact
- Rugged and Waterproof
- Compact
- Superzoom
- Advanced Point and Shoot
- SLR
- SLR-like

# Subcompact Cameras

- Most popular and cheapest
- Fit in pocket and very light
- May lack manual controls and viewfinder
- May include touchscreen LCDs
- Some have zoom lenses up to 14x



# Rugged & Waterproof Cameras

- Resist moisture and withstand falls
- Non-telescoping lens (3x – 5x zoom)



# Compact Cameras

- Too big for pocket, should fit purse
- Simple to use for everyday events
- May lack manual controls



# Superzoom Cameras

- Very long zoom range - 15x or higher
- Generally bulkier and heavier



# Advanced Point and Shoot Cameras

- Non-detachable lens
- Have lots of manual controls
- Support external flash
- Lightest of the advanced models





# SLR Cameras

- Have the most features
- Interchangeable lenses and best sensors
- Through the lens viewfinder
- Heaviest and most expensive



# SLR-like Cameras

- Accept interchangeable lenses
- Lack through the lens viewfinder or no viewfinder
- Smaller and lighter than SLR
- Bigger than point and shoot



# Camera Costs

- Basic point and shoots (subcompacts, compacts, rugged & waterproof, and superzoom) \$75 - \$500
- Advanced point and shoots \$350 - \$1100
- SLR-like cameras \$450 - \$1200
- SLR cameras \$500 - \$2000

# Megapixels

- What are megapixels?
- How many do I need?
- Can I have too many?

# Types of Lenses

- Fixed-focal-length lenses
- Folded optics lenses
- Retractable zoom lenses
- Fixed zoom lenses
- Interchangable lenses

# Types of Storage (Memory)

- Secure Digital (SD);  
Secure Digital High Capacity (SDHC);  
microSD;  
SDXC
- Compact Flash (CF)
- Memory Stick Duo
- Internal

# Types of Batteries

- Model specific
- Universal rechargeable
- Disposable

# Types of Features

- Zoom lenses (optical & digital zoom)
- Flash
- LCD viewfinders & screens (some flip)
- Focus (auto and manual)
- Image stabilization
- Face recognition & “Smart Camera” features



# Types of Features (continued)

- Shooting modes
- Exposure modes
- Video-clip recording
- Video conferencing – Web cam
- Playback modes
- Image file formats
- Connections (USB, WiFi)

# Shopping Tips

- Beware the sales pitch
- Shop by brand
- Try it out
- Keep your other cameras in mind
- Forgo extended warranties
- See handout or Club website for helpful digital camera website recommendations