SCA APPROVED AND SUPPORTED HARD DRIVES

Any student purchased drive must meet the requirements below!

The following is the list of SCA approved and supported hard drives. 
The links are provided purely for reference purposes and are not intended as a recommended point of purchase.

**G-TECH: G-RAID**
WEBLINK: [http://www.g-technology.com/products/g-raid.cfm](http://www.g-technology.com/products/g-raid.cfm)

**G-TECH: G-DRIVE**
WEBLINK: [http://www.g-technology.com/products/g-drive.cfm](http://www.g-technology.com/products/g-drive.cfm)

**Western Digital: My Book Studio Edition II**

**Glyph-Technologies: GT-050Q**

Each drive listed meets our minimal hardware requirements. Those requirements include but are not limited to:

1. Quad interface (USB 2.0, IEEE 1394a, IEEE 1394b, eSATA)
2. The disc speed must be at least 7200rpm
3. Low failure rate
4. NO BUS POWERED DEVICES
5. NO DEVICES WITH INTERNAL APPLICATIONS (i.e. SmartWare)

TO MAKE SURE YOUR DRIVE WILL BE SUPPORTED:

1. **LOOK OVER THE SUPPORTED DRIVES SECTION OF THIS DOCUMENT**
2. **LOOK OVER THE UNSUPPORTED DRIVES SECTION OF THIS DOCUMENT**
FAQ’s

What is bus power and why is it insufficient for editing?
Bus powered external drives draw their power from either the USB or FireWire ports on a computer and is not stable enough to reliably prevent data corruption and or loss while editing multimedia projects.

What is IEEE 1394 (a or b)?
This is better known as FireWire. The “a” at the end means FireWire400. The “b” at the end means FireWire800.

Which is better for editing, USB or FireWire?
USB is usually “good enough” for multimedia editing, but it is far from optimal. In some cases editing via a USB drive will cause footage to stutter or playback poorly, particularly with higher quality footage (AMA, DNxHD115 +). FireWire800 is the highest speed port that we can offer on our machines, it is suggested that you use FW800 if at all possible. However, do not use FW400 to FW800 adapters, this causes some data slow down that can wreak havoc on media playback.

What does 7200rpm mean and why can’t I use a 5400rpm drive?
7200rpm, refers to the disk speed in “rotations per minute”. The most common disk speed you will see is 5400rpm, however it is not suitable for editing because it does not have the sustained read/write speeds you need for multimedia.
LaCie (any drive)

Seagate (any drive)

Iomega (any drive)

Toshiba (any drive)

LaCie

Seagate

Iomega

Toshiba

G-TECH: G-CONNECT

G-TECH: G-DRIVE slim

G-TECH: mobile USB

G-TECH: G-DRIVE mini

G-TECH: G-RAID mini

G-TECH: mobile

G-TECH: G-DRIVE mini SSD

G-TECH: G-DRIVE mini SSD
SUPPORTED DRIVES

G-TECH: G-RAID

GRAID
Professional High-Performance Dual-Drive Storage System
Now up to 6TB!
SUPPORTED DRIVES

G-TECH: G-DRIVE

G DRIVE
Professional External Hard Drive
Now up to 3TB!
SUPPORTED DRIVES

Western Digital: My Book Studio Edition II

Fast, green and Mac-ready.
SUPPORTED DRIVES

Glyph-Technologies: GT-050Q