

## CNSA Student Tool List

Tool list with purchased examples. Students do not need to purchase brands listed, however, the items purchased should be equivalent or better.

1. 2 – Solid State Drives (SSD) SATA of 500 GB or more. Prefer to 1 TB, if student can afford it. Recommended samples below:

**Amazon** - Crucial MX500 1TB 3D NAND SATA 2.5 Inch Internal SSD, up to 560MB/s - CT1000MX500SSD1 (\$87.49)

**Amazon** - (This would be acceptable, but no smaller) Crucial MX500 500GB 3D NAND SATA 2.5 Inch Internal SSD, up to 560MB/s - CT500MX500SSD1 (\$53.60 ea.)

2. 2 – USB to SATA cable. Both samples indicated below do work for the SSD's.

**Amazon** – Startech.com USB 3.1 to 2.5" SATA Hard Drive Adapter - USB 3.1 Gen 2 10Gbps with UASP External HDD/SSD Storage Converter (USB312SAT3CB) (17.99 ea.)

... or ...

**Amazon** - StarTech.com SATA to USB Cable - USB 3.0 to 2.5" SATA III Hard Drive Adapter - External Converter for SSD/HDD Data Transfer (USB3S2SAT3CB) (10.99)

3. 4 – Notebook/Binders (one for each module of the Fall semester). This means (for the year) 8 binders per student. (Optional)

**Staples** or **Amazon** - Simply® Economy View Binder with Round Rings, White, 275-Sheet Capacity, 1 1/2" (Ring Diameter), MFR Item #23729/21686 Customer Item #374814 (\$1.76)

4. 1 – Digital Multimeter (DMM) with leads and fresh batteries installed.

**Amazon** - Tekpower DT830B LCD Digital Voltmeter Ammeter Ohm Multimeter Part Number/Item Model Number Ecopy001225 (\$7.99)

**Staples** - Duracell® Coppertop 9V Alkaline Batteries, 12/Pack (MN1604BKD) Item #: 711256 | Model #: MN1604BKD

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5. 1 – Extra pack of DMM leads.

**Amazon** - Multimeter Test Leads with Banana Plug Digital Multimeter Clamp Tester Probe Test Probes Leads for Multimeter Electronic Test Leads Multimeter Accessories (\$7.99)

6. 1 – Sharp Calculator EL-501X2.

**Amazon** - Sharp EL-501XBWH Scientific Calculator, 10-Digit LCD, MFR Item # SHREL501XBWH (\$13.50)

7. 5 – 16GB Thumb Drives. (8GB or larger) for in lab use.

**Amazon** - Verbatim 16GB Pinstripe USB 3.2 Gen 1 Flash Drive Retractable With Microban Antimicrobial Product Protection- 5 Pack - Multicolor (Green, Blue, Red, Purple, Cyan) (\$21.72).

8. 2 – 128 GB or more high data rate Thumb Drive for student data backup purposes.

**Amazon** - 128GB Extreme PRO USB 3.2 Solid State Flash Drive - Up to 420MB/s, Durable Aluminum Metal Casting - SDCZ880-128G-GAM46, Black. (\$36.99)

9. 1 – Master Lock Combination Lock

**Amazon** - MasterLock Combination Padlock, Black, Stainless Steel, 1 15/16" Wide, Black Dial, MFR Item # 1500D/DCM (\$8.99).