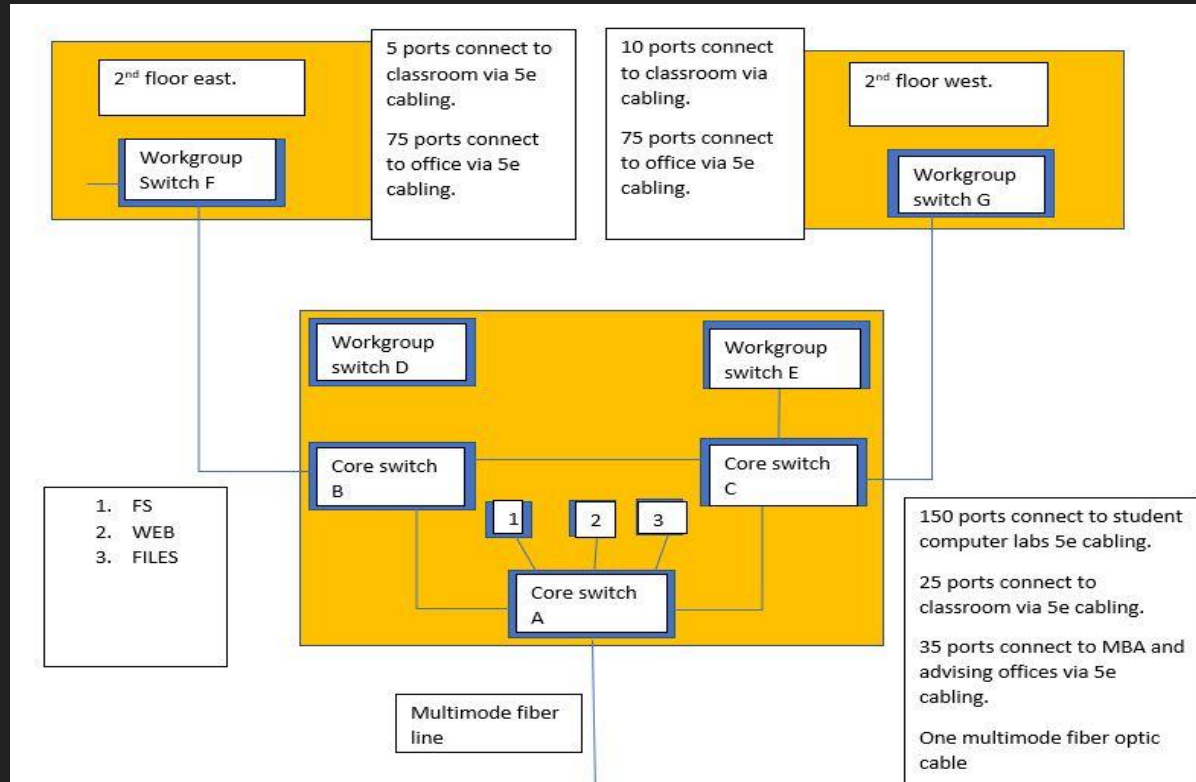# Hands on 4 Working with Switches

Omarion Branch

Diagram (created in words then screenshot image over to slide)

Explanation

Core A is at the top of the diagram and connects to the multifiber line. Its also taking the connect from the three main servers FS, WEB, and FILES. From switch A, i run a trunk line connecting to switch B and Switch C. All three core switches are NETGEAR 52-Port Gigabit Ethernet Smart Managed Pro PoE Switch (GS752TP). Core switches B and C connect to the workgroup switches through the trunk lines with a connecting between B and C for redundancy reasons. Each workgroup is a Netgear Prosafe 52-port Gigabit Smart Stackable Switch, which allows for scalability in the event that more connections are needed if necessary.

Cost

item	Quanity	Price	Total price	
NETGEAR 52-Port Gigabit Ethernet Smart Managed Pro PoE Switch (GS752TP)	3	$639	$1,917	
Netgear Prosafe 52-port Gigabit Smart Stackable Switch	8	$716	$5,728	
Total cost		+10%	$8,409	

Links

NETGEAR 52-Port Gigabit Ethernet Smart Managed Pro PoE Switch (GS752TP)-

https://www.amazon.com/NETGEAR-52-Port-Gigabit-Ethernet-Managed/dp/B07CCD7VD7?th=1

Netgear Prosafe 52-port Gigabit Smart Stackable Switch

https://www.supertechsupplies.com/netgear-prosafe-52-port-gigabit-smart-stackable-switch/?setCurrencyId=2&gclid=Cj0KCQiAo-yfBhD_ARIsANr56g6UWwXR0Yo1MypSW0s5N8L75hv10QhL878CSmgYstX4dI_Ab0MJFToaAgIMEALw_wcB