NCP-AIDC "AI Infrastructure"

Section/ Objective	CL	Section/Objective Name
1		**Environment**
1.01	U/A	Create server maintenance scripts
2		**Troubleshoot and Optimize**
2.01	U/A	Identify and troubleshoot hardware faults (e.g. GPU/fan/network card)
2.02	U/A	Identify faulty cards/gpus/power supplies
2.03	U/A	Replace faulty cards/gpus/power supplies
3		**Hardware Installation**
3.01	U/A	Configure routing tables on Infiniband & mellanox hardware
3.02	U/A	Install GPU based server
3.03	U/A	Validate install hardware
3.04	U/A	Install DPU based server
3.05	U/A	Identify network topologies for datacenters
3.06	U/A	Identify cable types and transevers
3.07	U/A	Install a physical GPU/DPU in a server
3.08	U/A	Set up network fabric ports for the hosts
3.09	U/A	Install/Configure NVIDIA NVLink Switch
3.10	U/A	Validate hardware operation for workloads
4		**Physical Layer Management**
4.01	U/A	Install/update/remove NVIDIA GPU drivers
4.02	U/A	Install nvidia container tool kit
4.03	U/A	Demonstrate how to use NVIDIA GPU's with Docker
4.04	U/A	Install NGC CLI on hosts
4.05	U/A	Configure and manage a DPU
4.06	U/A	Configure MIG (AI, and HPC)
4.07	U/A	Deploy DPU OS image to Arm