

CSCI 415 / 515 -- Parallel Computation

- Syllabus

- Lab equipment -- CS dept has lots of computers

- Compute Cluster (CS one, CSE also has one)

- https://cluster.cs.wvu.edu/system_details/index.html#computer-science

- Compute: 128 HT cores, infiniband and ethernet

- GPU: 88 HT cores, 165,308 CUDA cores, 1368 tensor cores

- Head node (ssh to this node): 6 cores.

- `csci-head.cluster.cs.wvu.edu`

- Department labs: `cf405-*`, `cf167-*`, `cf165-*`, `cf162-*` `cf164-*`, `kb?`

- LDC Mini cluster: 5 machine, 4 HT cores each (40 total hardware threads)

- Details on these machines as needed.

- Intro to parallel work ...

