

CSC 458: Distributed Systems and Parallel Processing

- Credit Hours (Lectures, Lab, Tutorial): **3** (3 + 0 + 1).
- Prerequisites: CSC 227.

Course content: Introduction to parallel systems; Processes and processors; Parallel architectures (multi-computer, multi-processor); Interconnection networks; Communication in parallel systems; Parallel programming paradigms; Performance of Parallel systems (speedup, efficiency, etc.); Examples of parallel programming; Introduction to distributed systems; Distributed algorithms; Distributed systems.