

SYSTEMS SOFTWARE & ASSEMBLY LANGUAGE PROCESSING

Number of Credits: 4 semester credits/6 quarter units

Aims and Objectives

- Introduce student to the concept of structuring data for processing;
- Provide students with techniques necessary to structure data;
- Introduce different file organisations and how to process data stored in this manner;
- Explain the difference between internal and external data structures;
- Introduce the behaviour of different abstract data types;
- Practical implementation internal data structures using pointers and arrays;