

University of Computer Studies(Taunggyi)

FCS-201 (Data Structure)

Subject Code	Subject	Description	Lecture Hour	Assessment
FCS-201	Data Structure	<ul style="list-style-type: none">• Overview of Data structure• Overview of Algorithm• Array• Sorting• Stacks and Queues• Linked Lists• Recursion• Binary Trees• Hash Table• Heap• Graphs	24 hours (2 credit Unit)	Class participation(10%) Assignments(10%) Tutorial(10%) Moodle(10%) Final Exam(60%)

References:

1. Data Structures & Algorithms: Annotated Reference with Examples, (1st Edition, 2008) (by Granville Barnett and Luca Del Togo)
2. Lecture Notes for Data Structures and Algorithms (Version of 27 March 2019) (by John Bullinaria, School of Computer Science University of Birmingham Birmingham, UK)