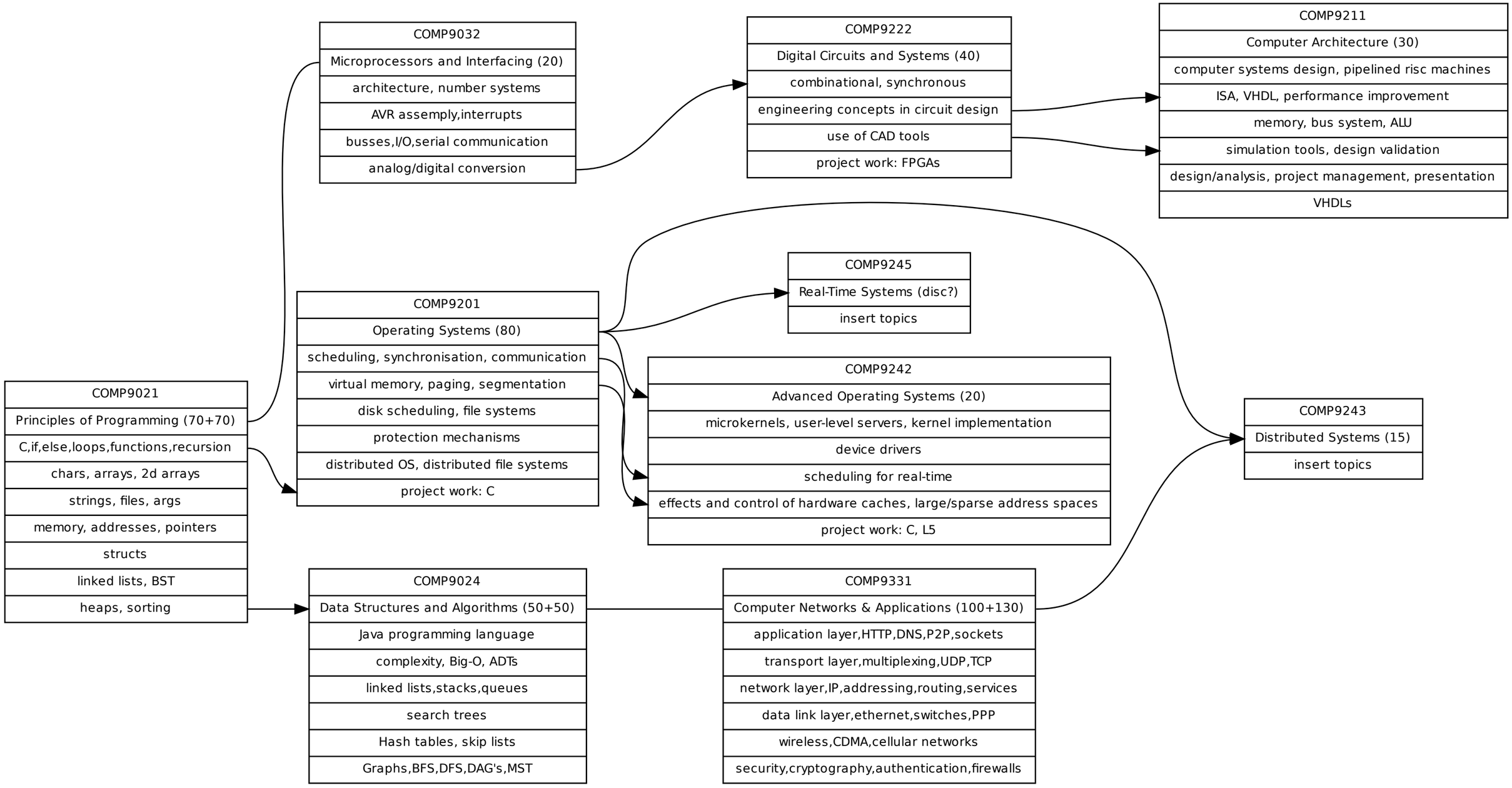

COMP9032
Microprocessors and Interfacing (20)
architecture, number systems
AVR assemply,interrupts
busses,I/O,serial communication
analog/digital conversion
COMP9222
Digital Circuits and Systems (40)
combinational, synchronous
engineering concepts in circuit design
use of CAD tools
project work: FPGAs
COMP9211
Computer Architecture (30)
computer systems design, pipelined risc machines
ISA, VHDL, performance improvement
memory, bus system, ALU
simulation tools, design validation
design/analysis, project management, presentation
VHDLs
COMP9245
Real-Time Systems (disc?)
insert topics
COMP9201
Operating Systems (80)
scheduling, synchronisation, communication
virtual memory, paging, segmentation
disk scheduling, file systems
protection mechanisms
distributed OS, distributed file systems
project work: C
COMP9242
Advanced Operating Systems (20)
microkernels, user-level servers, kernel implementation
device drivers
scheduling for real-time
effects and control of hardware caches, large/sparse address spaces
project work: C, L5
COMP9243
Distributed Systems (15)
insert topics
COMP9021
Principles of Programming (70+70)
C,if,else,loops,functions,recursion
chars, arrays, 2d arrays
strings, files, args
memory, addresses, pointers
structs
linked lists, BST
heaps, sorting
COMP9024
Data Structures and Algorithms (50+50)
Java programming language
complexity, Big-O, ADTs
linked lists,stacks,queues
search trees
Hash tables, skip lists
Graphs,BFS,DFS,DAG's,MST
COMP9331
Computer Networks & Applications (100+130)
application layer,HTTP,DNS,P2P,sockets
transport layer,multiplexing,UDP,TCP
network layer,IP,addressing,routing,services
data link layer,ethernet,switches,PPP
wireless,CDMA,cellular networks
security,cryptography,authentication,firewalls