Embedded Systems Mark scheme
Coursework 2: Music synthesiser

Criterion	Max. mark	Report	Code	Max.	Marking Scale	Min.
Core functionality	25		✓	Core functions work perfectly	Core features mostly correct	Core features don't work
Application of real-time programming techniques	25	✓	✓	Robust, efficient and maintainable code with appropriate use of interrupts, threading and thread-safe data exchange	Functional but unoptimised and/or obscure code with potential bugs	Buggy or unstable code
Real time system analysis	25	✓		Thorough analysis of deadlines, shared resources and dependencies	Some analysis	Dubious analysis
Advanced features	25		✓	Interesting extra features that meet the desired specifications for advanced features	Incomplete or more trivial features	No advanced features