



UCL Department of Computer Science
CS M038/GZ06: Mobile and Cloud Computing
2011–2012, Term 2
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One-pager: Fine-Grained Channel Access in Wireless LAN (Tan *et al.*, 2011)
Due: Start of lecture, 20th March 2012

Instructions: *in your own words*, answer the following questions as **succinctly** as possible (in 200–500 words total, but shorter answers within this range are encouraged). Quoting figures or text from the assigned reading or from any other source is specifically prohibited.

Consider the relationships between a subcarrier, subchannel, contention band, and resolution band. Briefly explain how these four entities work together in FICA's contention and backoff MAC mechanisms.