

# Advanced Computer Networks and Operating Systems

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*Summer Resit Coursework*

*Contacts: Soufiene Djahel, [S.Djahel@mmu.ac.uk](mailto:S.Djahel@mmu.ac.uk), 0161 247 1522.*

*Mohammad Hammoudeh, [M.Hammoudeh@mmu.ac.uk](mailto:M.Hammoudeh@mmu.ac.uk), 0161 247 2845*

For your in-term coursework, you were asked to prepare a survey papers on a topic of current interest in Operating Systems research or on a current research topic in the field of computer networks. For this resit assessment, you are asked to use the feedback that you received on that work to revise and resubmit your survey paper.

The feedback for the in-term assessments is available via the original submission links on Moodle, together with the original guidance on how to write a survey paper (including links to examples). If you should have any further questions about the feedback that was provided, or other questions, you should contact the appropriate staff member.

Each revised survey paper will be marked independently using the rubric overleaf. **You should not prepare a presentation.**

Submissions should be made via the appropriate links on Moodle.

## 6G7Z1004 Advanced Computer Networks and Operating Systems

### Marking

As stated above, the learning outcome that is being assessed with this task is “Research, evaluate and critically analyse current trends in operating systems research and implementation.” To this end, you will be assessed upon the following criteria, using the marking rubric below:

Grade range	86%-100%	70%-85%	60%-69%	50%-59%	45%-49%	20%-44%	0%-19%
Graduate outcome							
<b>Choice of topic and analysis of subsequent trends/advances demonstrates initiative, motivation, professional practice and self management.</b>	There is evidence of the ability to work autonomously and creatively with reference to professional standards and values, reflecting critically on their own practice.	There is evidence of the ability to work autonomously and imaginatively with reference to professional standards and values, reflecting critically on their own practice.	There is evidence of the ability to work autonomously with reference to professional standards and values, reflecting critically on their own practice.	There is evidence of the ability to work with reference to professional standards and values, reflecting critically on their own practice.	There is evidence of a limited attempt to work as an autonomous professional who reflects on their own practice	There is limited evidence of any attempt to work as an autonomous professional who reflects on their own practice	There is little or no evidence of working as an autonomous professional who reflects on their own practice
<b>Find, evaluate, synthesise and use information from a variety of sources</b>	A complex and innovative project is designed, planned and carried out meticulously to gather and synthesise useful information from a wide range of appropriate primary and secondary sources to produce original outcomes of publishable standards.	A complex project is designed, planned and carried out thoroughly to gather useful information from a wide range of appropriate primary and secondary sources and synthesise the results to produce workable outcomes.	A project is carefully planned and carried out to gather useful information from appropriate primary and secondary sources and synthesise the results.	A project is planned and carried out to gather information from appropriate primary and secondary sources and synthesise the results.	Partial attempt to plan and/or carry out projects that gather information from appropriate primary and secondary sources.	Limited attempt to plan and/or carry out projects that gather information from appropriate primary and secondary sources.	Little or no attempt to plan and/or carry out projects that gather information from appropriate primary and secondary sources.

<b>Critical analysis of topic – demonstrating an ability to move beyond summaries of related work.</b>	Novel and complex problems are evaluated thoroughly with reference to theory and practice, expressed with clarity.	Novel and complex problems are evaluated with reference to theory and practice.	Novel and complex problems are discussed confidently with reference to theory and practice.	Novel and complex problems are discussed with reference to theory and practice.	Attempts to discuss novel and complex problems are partial, with limited reference to theory and practice.	Attempts to discuss novel and complex problems are inadequate, with little reference to theory and practice.	There is little or no evidence of any attempt to discuss novel and complex problems, with little or no reference to theory and practice.
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