Criteria	Standards						
	7+	7	6	5	4	3	2/1
CR1 - 50% weighting **Theoretical understanding** **Key Milestones** **- Log-Normal Shadowing** **- Rayleigh Fading** **- Multi-Path Fading Channel** **- Orthogonal Frequency Division Multiplexing** **- Application of Error Control Coding**	Demonstrates understanding of the mathematical concepts underpinning this assignment beyond the expected '7' level. Explanations and justifications are unambiguous, accurate and logical. Graphical and mathematical tools are used masterfully to convey knowledge of all topics. Uses appropriate terminology. Has no conceptual errors, but one minor technical/numerical error may exist. Discusses all required concepts and shows evidence of further research.	Demonstrates in-depth understanding of the fundamental concepts in this assignment. Explanations and justifications are generally clear, accurate and logical. Graphical and mathematical tools are used fittingly to convey knowledge of all topics. Uses appropriate terminology. Has no conceptual errors, but one minor technical/numerical error may exist. Discusses all required concepts.	Demonstrates strong understanding of the fundamental concepts in this assignment. Explanations and justifications are generally accurate and logical. Graphical and mathematical tools are used satisfactorily to convey knowledge of all topics. Uses appropriate terminology. Has no conceptual errors, but minor technical/numerical errors exist. Discusses all required concepts.	Demonstrates sound understanding of the fundamental concepts in this assignment. Explanations and justifications are generally accurate and logical. Graphical and mathematical tools are used satisfactorily to convey knowledge of most topics. Uses appropriate key terminology. One minor conceptual error and no more than two technical/numerical errors may exist. Discusses all key concepts.	Demonstrates rudimentary understanding of the fundamental concepts in this assignment. Explanations and justifications are generally accurate and logical but are sometimes unclear. Graphical and mathematical tools are used adequately to convey knowledge of most topics. Uses appropriate key terminology. Only minor conceptual, technical or numerical errors exist. Discusses most key concepts.	Conceptual understanding is not demonstrated explicitly OR Major conceptual error OR Discussion does not demonstrate understanding of the expected '4' level.	Incorrect interpretation/s of underlying concepts i.e. Multiple major conceptual errors. Does not recognise basic errors when discussing generated diagrams.
CR2 - 20% weighting **Effective written communication** **Key Milestones** **- Informative** **- Easy to read** **- Clearly explained core ideas** **- Reflection demonstrates intended learning outcomes**	Professional format, insightful, core technical ideas are clearly, accurately and succinctly conveyed. The report is **very** easy to read, and has been written to inform. **Only** relevant code included in snippets. Figures demonstrate intended point excellently. Referencing is present, and has been done correctly (IEEE). Reflection shows all learning outcomes were reached.	Professional format, core technical ideas are clearly and accurately conveyed. The report is easy to read, and has been written to inform. **Mostly** relevant code included in snippets. Figures demonstrate intended point very well. Reflection shows all learning outcomes were reached.	Professional format, technical ideas are clearly conveyed, one minor inaccuracy. The report is informative and easy to read. **Mostly** relevant code included in snippets. Figures demonstrate intended point well. Reflection shows most learning outcomes were reached.	Report format is adequate but missing some coherence in its structure. The report is difficult to read in one or two sections. Consistently irrelevant code included in snippets. Figures demonstrate intended point satisfactorily. Reflection shows some learning outcomes were reached.	Report format is missing several critical explanations. The report is difficult to read in several parts. Large amounts of irrelevant code included. Figures demonstrate intended points adequately. Little evidence of reflective thinking.	Report formatting was attempted. Contains little, or vague, discussion and lacks cohesion. Largely a code and figure dump. No evidence of reflective thinking.	The report has little or no structure. No evidence of reflective thinking.
CR3 - 30% weighting **Application using Coding**	**Key Milestones** – For a 7 in this criteria, all milestones must be satisfactorily reached; For a 6, most must be satisfactorily reached, and so on. • Correct individual-question outputs as per solution-script options • No runtime errors • Code *appears* to give correct outputs if widely-varying solutions are possible • Uses functions that are within the scope of the assignment • Code is optimised (i.e. makes use of vectorisation where appropriate) • Code achieves desired output/s on completion • Comments are effectively used to describe the code					Large sections of code incomplete OR Multiple runtime errors	
For moderation of overall marks: At the discretion of the teaching team, your group may be selected to attend an interview if the teaching team require clarification about how the group arrived at their solutions, or how individuals contributed to the overall solution. If selected, you will be notified and given details of the location and time of the interview.							
Oral interview	Demonstrated knowledge is consistent with submitted report and code. No moderation of marks.				Demonstrates knowledge noticeably below the standard of the submitted report and code. Individual marks may be moderated down up to 20%.	Demonstrates knowledge significantly below the standard of the submitted report and code OR Does not attend interview. Individual marks may be moderated down up to 100%.	