**Grading Rubric – MATLAB Activities**

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|  | **Fail (<60%)** | **D (60-70%)** | **C (70-80%)** | **B (80-90%)** | **A (90-100%)** |
| **Correct Answers**  **(50%)** | * <60% of the answers are correct | * 60-70% of the answers are correct | * 70-80% of the answers are correct | * 80-90% of the answers are correct | * 90-100% of the answers are correct. |
| **Accuracy and Validity of Analytical Approach**  **(10%)** | * Does not relate the principles of MATLAB to data processing and map creation | * Relates MATLAB principles to data processing and plot creation, but with major errors. | * Adequately relates MATLAB principles to data processing and plot creation. | * Accurately relates MATLAB principles to data processing and plot creation. | * Imaginatively and accurately relates MATLAB principles to data processing and plot creation. |
| **Demonstration of critical thinking (10%)** | * Projects lack critical thinking and does not accurately interpret, evaluate and present data. | * Project demonstrates a remedial level of critical thinking with regards to accurate spatial data interpretation, evaluation and presentation, but with a high level of errors | * Project demonstrates an average level of critical thinking with regards to accurate spatial data interpretation, evaluation and presentation. | * Project imaginatively and accurately demonstrates a high level of critical thinking with regards to spatial data interpretation, evaluation and presentation. | * Project demonstrates an exceptional level of critical thinking, i8magination and creativity with regards to spatial data interpretation, evaluation and presentation. |
| **Presentation**  **(30%)** | * Answers exhibit a complete lack of familiarity with material * Clarity and accuracy of graphic materials are poor and do not integrate | * Answers exhibit a lack of familiarity with material and topic * Graphic materials adequate, but layout and format are poor | * Answers to questions are relevant, but lack detail. * Graphic materials adequate, but lack imagination | * Answers questions clearly * Graphic materials assist rather than distract the reader | * Answers questions clearly without hesitation * Graphic materials flawless and seamlessly integrate with other materials |
| **Comments** |  | | | | |