## Rubric for Numeric Course Undergrad Projects

| Category | Exceptional $\left(\mathrm{A}-\mathrm{A}^{+}\right)$ | Good ( $\left.\mathrm{B}^{+}-\mathrm{A}^{-}\right)$ | Adequate ( $\left.\mathrm{B}^{-}-\mathrm{B}\right)$ | Inadequate $\left(\mathrm{C}-\mathrm{C}^{+}\right)$ |
| :--- | :--- | :--- | :--- | :--- |
| Write-up <br> $(10)$ | Clear, concise, complete <br> proper referencing <br> spelling and grammar correct | Clear, mostly concise, only <br> missing an issue or two, <br> referencing usable, some <br> typos but spelling and <br> and grammar satisfactory | Mostly clear and concise <br> only missing an issue or two <br> referencing mostly okay, <br> numerous typos or spelling <br> or grammar poor | Unclear, incomplete, hard <br> to follow, referencing <br> un-understandable, many <br> typos, grammar and <br> spelling errors. |
| Method Choice <br> \& Justification <br> $(10)$ | Good method choice <br> clearly justified | Good/satisfactory method <br> choice some/clear <br> justification | Satisfactory/poor method <br> choice poor/some <br> justification | Poor method choice <br> and poor or no justification |
| Implementation <br> $(10)$ | Works well <br> with no obvious errors | Mainly works well <br> some minor problems | Works poorly <br> but some results | Is clearly wrong <br> or doesn't work |
| Understanding Numerics <br> $(10)$ | Clear investigation of an <br> important aspect of the <br> numerics | Clear/weak investigation of <br> minor/important aspect of <br> the numerics | Weak investigation | Wrong or missing <br> investigation |
| Understanding Science <br> $(10)$ | Clear insightful discussion <br> of the key aspects of <br> the science | Clear discussion of the <br> key aspects science | Reasonable discussion <br> of science | Wrong or missing <br> discussion of science |

