**GE Area**: **B4** **Title:** **Course** #

Reviewer’s Name:

**B4: Quantitative Reasoning**

Courses in this subarea will require the student to use basic mathematical skills to develop mathematical reasoning, investigative and problem-solving abilities, including applications from/to real life situations. Students will also be able to explain and apply basic mathematical concepts and solve problems using quantitative methods. In addition to traditional mathematics, courses in subarea B4 may include computer science, personal finance, statistics or discipline-based mathematics or quantitative reasoning courses, for example

|  |  |  |
| --- | --- | --- |
| Rubric Question | GE subareas or SLOs mapped | Comments |
| 1. Does the course meet the description of the GE Subarea? | B4 - (see full description above) |  |
| 1. Does the course fully address the GE SLOs mapped to the subarea? | 1a – Write effectively |  |
| 1e - Apply and communicate quantitative arguments using equations and graphical representations of data |  |
| 2a - Apply scientific methods and models to draw quantitative and qualitative conclusions about the physical and natural world |  |
| 4b - Demonstrate activities, techniques, or behaviors that promote intellectual or  cultural growth |  |
| 1. Is there a meaningful writing component? |  |  |
| 1. Is the mapping of methods of evaluation to the GE SLOs reasonable |  |  |

**Review Result: A= Approve (No discussion at Senate), AF = Approved & Forward to Senate, IC = Incomplete (return to originator), R = Reject (return to originator)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **AG (S)** | **CBA (S)** | **CLASS (S)** | **CCHM (S)** | **CEIS (S)** | **ENR (S)** | **ENV(S)** | **LIB (S)** | **SCI (S)** |
|  |  |  |  |  |  |  |  |  |

**Expanded Course Outline Approval Checklist** S = Subcommittee Committee Member