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|  | Idaho State University | Last Revised 5/16/2016 |
| Engineering and Applied ScienceDoctor of Philosophy**Civil and Environmental Engineering** |

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| **Ph.D. Comprehensive Qualifying Examination:** |  |  |  |
|  | **Semester** | **Year** |  |

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| --- | --- | --- |
|  | has a Bachelor of Science degree in |  |
| Student’s Name |  |  |  |  |
| and a Master of Science degree in | . |  |
|  |
| **Last Thursday of October or March (default date)** |
|  | **Typical Areas/Topics (%Grade), Time** | **Instructor** | **Points/Grade** |
| 1. Undergraduate

 (Junior/Senior Level)\* | **Topic 1:** (20%) 100 minutes\*400/500 level courses can be considered undergraduate courses.  | Dr. Name |  |
| B. Topics (500/600 level)  | **Topic 2:** Graduate level Math course\*: (15%) 70 min. \* Advanced Engineering Mathematics, another Math course or a mathematically based engineering course as required by the Advisory Committee. 1**Topic 3:** Graduate level course: (15%) 70 min. | Dr. NameDr. Name |  |
| Total of A and B | **50% (240 minutes = 4 hours)** |

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| **Last Friday of October or March (default date)** |
|  | **Typical Areas/Topics (%Grade), Time** | **Instructor** | **Points/Grade** |
| **C**. Graduate (600 level) | **Topic 4:** (15%) 70 minutes | Dr. Name |  |
|  | **Topic 5:** (15%) 70 minutes | Dr. Name |  |
|  | **Topic 6:** (20%) 100 minutes | Dr. Name |  |
|  |  |  |  |
| Total of C | **50% (240 minutes = 4 hrs)** |
| **Total Topics** | 6 **(minimum 5 topics required)** |
| Total of A, B, & C | **100% (480 minutes = 8 hours)** |

**Note:**

A single faculty member will examine the student in **NO** more than 3 areas/topics (i.e., a single faculty member will **NOT** examine the student more than 45% of the total grade). With an approval of the PhD EAS program committee, an exception can be made when an unexpected event occurs such as a loss of faculty member in the student’s discipline area.

1. Examples of these math-based courses include (but not limited to): finite element, cfd, water quality modeling, probability and risk assessment, structural reliability, kriging,

**PhD Advisory Committee (A minimum of three members of Graduate Faculty only):**

1. Dr. Name (CEE Department) – Committee Chair
2. Dr. Name (CEE Department) – Committee Member (if already identified as potential Major Advisor)
3. Dr. Name (Other Engineering or Science Department) – Committee Member