

## PHD COURSEWORK ASSESMENT

|   | Course work | Preliminary exam | Comprehensive | Final defense | Regular meetings |  |
|---|-------------|------------------|---------------|---------------|------------------|--|
| The ability to apply knowledge of mathematics, science, and engineering.  |             |                  |               |               |                  |  |
| The ability to design and conduct experiments, as well as to analyze and interpret data.  |             |                  |               |               |                  |  |
| The ability to participate on a design project  |             |                  |               |               |                  |  |
| The ability to function on multi-disciplinary teams   |             |                  |               |               |                  |  |
| The ability to identify, formulate, and solve engineering problems.   |             |                  |               |               |                  |  |
| The understanding of professional and ethical responsibility  |             |                  |               |               |                  |  |
| The ability to communicate effectively.   |             |                  |               |               |                  |  |
| The broad education necessary to understand the impact of engineering solutions in a global, economical, environmental, and social context. |             |                  |               |               |                  |  |
| The recognition of the need for and an ability to engage in life-long learning  |             |                  |               |               |                  |  |
| The knowledge of contemporary issues  |             |                  |               |               |                  |  |
| The ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.                                 |             |                  |               |               |                  |  |
| Conf Publications   |             |                  |               |               |                  |  |
| Jrnl Publications   |             |                  |               |               |                  |  |
| proposals   |             |                  |               |               |                  |  |

### .Ranking System

**(1)** Below Expectations

**(2)** Meets Expectations

**(3)** Exceed Expectations