

Student Name: _____ 10-digit Campus ID: _____

Exam Date: _____ Advisor Name: _____

Exam Attempt/Try Number: 1 2

Name: _____ Signature/Date: _____

Name: _____ Signature/Date: _____

Name: _____ Signature/Date: _____

Course Number: _____ Course Title: _____

Engineering Mathematics & Computation

Outcome (select one): ☒ Pass ☐ Fail

1. Fundamental knowledge in each subject: Initiates new problems with clear and relevant approach:	Exceeds Expectations	Meets Expectations	Does Not Meet Expectations
2. Problem-solving skills: Completes problems without errors:	Exceeds Expectations	Meets Expectations	Does Not Meet Expectations
3. Reliance on faculty assistance: Completes problems without faculty assistance:	Exceeds Expectations	Meets Expectations	Does Not Meet Expectations

Comments:

Core Competency Course 2:

Course Number: _____

Course Title: _____

Breadth Area (select one):

Fission Reactors

Plasma Physics & Fusion

Materials

Engineering Mathematics & Computation

Outcome (select one):

Pass

Fail

Grading: (see appendix for rubric):

1. Fundamental knowledge in each subject: Initiates new problems with clear and relevant approach:
Exceeds Expectations Meets Expectations Does Not Meet Expectations
2. Problem-solving skills: Completes problems without errors:
Exceeds Expectations Meets Expectations Does Not Meet Expectations
3. Reliance on faculty assistance: Completes problems without faculty assistance:
Exceeds Expectations Meets Expectations Does Not Meet Expectations

Comments:

Core Competency Course 3:

Course Number: _____

Course Title: _____

Breadth Area (select one):

Fission Reactors

Plasma Physics & Fusion

Materials

Engineering Mathematics & Computation

Outcome (select one):

Pass

Fail

Grading: (see appendix for rubric):

1. Fundamental knowledge in each subject: Initiates new problems with clear and relevant approach:
Exceeds Expectations Meets Expectations Does Not Meet Expectations
2. Problem-solving skills: Completes problems without errors:
Exceeds Expectations Meets Expectations Does Not Meet Expectations
3. Reliance on faculty assistance: Completes problems without faculty assistance:
Exceeds Expectations Meets Expectations Does Not Meet Expectations

Comments:

Appendix: Rubric

1. Fundamental knowledge in each subject: Initiates new problems with a clear and relevant approach

Exceeds Expectations:	Demonstrates a thorough and valid understanding of the relevant body of knowledge and area of inquiry.
Meets Expectations:	Demonstrates some form of valid understanding of the relevant body of knowledge and area of inquiry.
Does Not Meet Expectations:	Misinterprets or fails to identify the relevant body of knowledge and area of inquiry.

2. Problem-solving skills: Completes problems without errors

Exceeds Expectations:	Demonstrates a thorough and valid understanding of the assumptions, constraints, simplifications, and methods of solution.
Meets Expectations:	Demonstrates some form of valid understanding of the assumptions, constraints, simplifications, and methods of solution.
Does Not Meet Expectations:	Misinterprets or fails to identify the relevant body assumptions, constraints, simplifications, and methods of solution.

3. Reliance on faculty assistance: Completes problems without faculty assistance*

Exceeds Expectations:	Completes problems without any faculty assistance.
Meets Expectations:	Completes problems with some faculty assistance in one or two specific parts of the problem.
Does Not Meet Expectations:	Requires faculty assistance in several parts of the problem solution.

* "Assistance" here refers to assistance in solving the problems. Students may ask for clarifications as needed.

Completed form should be submitted to the NEEP Graduate Coordinator.