Nuclear Engineering and Engineering Physics Qualifying Exam Evaluation Form

(fillable PDF)

Student	Name:		10-digit Camp	us ID:	
Exam Da	te:		Advisor Name	:	
Exam Att	tempt/Try Number:	1	2		
Exam Co	ommittee Members:				
Name: _			_ Signature/Dat	e:	
Name: _			_ Signature/Dat	e:	
Name: _			_ Signature/Dat	e:	
Core Co	ompetency Course 1:				
	Course Number:		Course Title:		
	Breadth Area (select one):				
	Fission Reactors				
	Plasma Physics & Fusion				
	Materials				
	Engineering Mathematics &	Computation	1		
	Outcome (select one): Pa	ess	Fail		
	Grading: (see appendix for rubric):				
	Fundamental knowledge in each Exceeds Expectations	-	iates new problems with ets Expectations		
	Problem-solving skills: Complet Exceeds Expectations		without errors: ets Expectations	Does Not Meet Expectations	
	3. Reliance on faculty assistance: Exceeds Expectations		roblems without faculty ets Expectations	assistance: Does Not Meet Expectations	
	Comments:				

Core (Core Competency Course 2:					
	Со	urse Number:		Course Title:		
	Bre	eadth Area (select one):				
		Fission Reactors				
		Plasma Physics & Fu	ision			
		Materials				
		Engineering Mathem	atics & Compu	tation		
	Ou	tcome (select one):	Pass	Fail		
	Gra	ading: (see appendix for ru	bric):			
	1.	Fundamental knowledge Exceeds Expectation	-	t: Initiates new problems wi Meets Expectations	th clear and relevant approach: Does Not Meet Expectations	
				•	Does Not Meet Expectations	
	2.	Problem-solving skills: C Exceeds Expectation		lems without errors: Meets Expectations	Does Not Meet Expectations	
	3.	Reliance on faculty assis Exceeds Expectation		tes problems without facult Meets Expectations	y assistance: Does Not Meet Expectations	
	Со	mments:				
Core (Com	petency Course 3:				
	Со	urse Number:		Course Title:		
	Bre	eadth Area (select one):				
		Fission Reactors				
		Plasma Physics & Fu	ısion			
		Materials				
		Engineering Mathem	atics & Compu	tation		
		-	•			
	Ou	tcome (select one):	Pass	Fail		

Outcome (select one):

Grading: (see appendix for rubric):

- 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.

^{* &}quot;Assistance" here refers to assistance in solving the problems. Students may ask for clarifications as needed.