

# Physics Endorsement Worksheet

Applicant's Name:

NES 308		Date taken or to be taken:		Score: (if known):			
Minimum Coursework Expectations	Course Abbreviaton/# or Evergreen program title	✓ if has lab	Course Name (For Evergreen programs list the name of the course equivalency)	# Qtr credits	College or University	✓ if complete	Date completed/to be completed
45 credits of Physics with significant lab work to include content in:		<input type="checkbox"/>				<input type="checkbox"/>	
Use of mathematical concepts in analysis of physical systems to include intpretation of graphs, alegbra, vectors, matrix addition and multiplication, and calculus concepts.		<input type="checkbox"/>				<input type="checkbox"/>	
		<input type="checkbox"/>				<input type="checkbox"/>	
		<input type="checkbox"/>				<input type="checkbox"/>	
Mechanics to include kinematics, energy, momentum, gravitation		<input type="checkbox"/>				<input type="checkbox"/>	
Electricity and Magnetism		<input type="checkbox"/>				<input type="checkbox"/>	
Waves and Optics		<input type="checkbox"/>				<input type="checkbox"/>	
Other major concepts to include: Fluid statistics and dynamics, Particle nature of matter, Conservation laws, Heat and temperature, Ideal Gas Law, Thermodynamics		<input type="checkbox"/>				<input type="checkbox"/>	
Applications of physics to biology, chemistry, earth/space science		<input type="checkbox"/>				<input type="checkbox"/>	
Other physics courses		<input type="checkbox"/>				<input type="checkbox"/>	
		<input type="checkbox"/>				<input type="checkbox"/>	
		<input type="checkbox"/>				<input type="checkbox"/>	
<b>Engineering Design</b> Understands and can explain disciplinary core ideas of engineering and technology and application to sciences		<input type="checkbox"/>				<input type="checkbox"/>	

Please list all work completed, in-progress and planned. Convert all credits to quarter credits (generally 3 semester hrs. = 4.5 qtr. credits)