

**NUCLEAR POWER SCHOOL (NPS) ASSIGNMENTS IN THE MATH SUBJECT
FOR NON-TECHNICAL MAJORS**

TITLE AND VOLUME OF DOE FUNDAMENTALS HANDBOOK	MODULE NUMBER AND TITLE	TOPIC	ASSIGNMENT	
"Mathematics" Volume 1	Module 1 - "Review of Introductory Mathematics"	"Fractions"	Read pages 24 through 37. Do practice problems on "Fractions".	
		"Exponents"	Read pages 61 through 66. Do practice problems on "Exponents".	
		"Scientific Notation"	Read pages 67 through 73. Do practice problems on "Scientific Notation".	
	Module 2 - "Algebra"	"Algebraic Laws"	Read pages 1 through 3. Do practice problems on "Algebraic Laws".	
		"Linear Equations"	Read pages 4 through 16. Do practice problems on "Linear Equations".	
		"Quadratic Equations"	Read pages 17 through 30. Do practice problems on "Quadratic Equations".	
		"Simultaneous Equations"	Read pages 31 through 41. Do practice problems on "Simultaneous Equations".	
		"Word Problems"	Read pages 42 through 62. Do practice problems on "Word Problems".	
		"Logarithms"	Read pages 63 through 71. Do practice problems on "Logarithms".	
		"Graphing"	Read pages 72 through 81. Do practice problems on "Graphing".	
		"Interpolation and Extrapolation"	Read pages 90 through 92. Do practice problems on "Interpolation and Extrapolation".	
	"Mathematics" Volume 2	Module 4 - "Trigonometry"	"Pythagorean Theorem"	Read pages 1 through 3. Do practice problems on "Pythagorean Theorem".

		“Trigonometric Functions”	Read pages 4 through 8. Do practice problems on “Trigonometric Functions”.
		“Radians”	Read pages 9 and 10. Do practice problems on “Radians”.
	Module 5 – “Higher Concepts of Mathematics”	“Imaginary and Complex Numbers”	Read pages 11 through 16.
			Do practice problems on “Imaginary and Complex Numbers”.