CURRICULUM ALIGNMENT – Disease Detecting: Nuclear Diagnostics

Nova Scotia

Grade	Course Name and Number	Topic	Specific Outcome
9	Science 9	Reproduction (Genetics)	**Specific Curriculum Outcome 305-5:** Discuss factors that may lead to changes in a cell's genetic information.
9	Science 9	Reproduction (Genetics)	**Specific Outcome 209-5, 210-8:** Select and integrate genetics information from various sources and apply criteria for evaluating evidence and sources of information.
12	Physics 12	Radioactivity: Radioactive Decay	**Specific Curriculum Outcome 329-4:** Describe the products of radioactive decay and the characteristics of alpha, beta and gamma radiation.
12	Physics 12	Radioactivity: Natural and Artificial Sources of Radiation	**Specific Curriculum Outcome 213-7:** Select and integrate information from various print and electronic sources or from several parts of the same source.
12	Physics 12	Radioactivity: Radioactive Decay	**Specific Curriculum Outcome 329-4:** Describe the products of radioactive decay and the characteristics of alpha, beta and gamma radiation.
12	Physics 12	Radioactivity	**Specific Curriculum Outcome 440:** Acquire, with interest and confidence, additional science knowledge and skills using a variety of resources and methods, including formal research.
12	Biology 12	GCO Knowledge	**Specific Curriculum Outcome 315-6:** Describe factors that may lead to mutations in a cell's genetic information.
12	Biology 12	GCO Knowledge	**Specific Curriculum Outcome 315-8:** Explain circumstances that lead to genetic diseases.
12	Biology 12	GCO Skills	**Specific Curriculum Outcome 213-6:** Use library and electronic research tools to collect information on a given topic.
12	Biology 12	GCO Skills	**Specific Curriculum Outcome 213-7:** Select and integrate information from various print and electronic sources or from several parts of the same source.
12	Biology 12	GCO Skills	**Specific Curriculum Outcome 215-2:** Select and use appropriate numeric, symbolic, graphical and linguistic modes of representation to communicate ideas, plans and results.