

**BIO 202 – Radiation Biology
Course Outcome Goals**

Final Exam Ques	topic	Summer 2014	%	Summer 2015	%	Summer 2016	%
8	Barriers	25/25	100	26/26	100		
11	Dosimeters	25/25	100	26/26	100		
41	Ann effect dos	25/25	100	17/26	65		
46	Tm, dst, shld	25/25	100	26/26	100		
48	Gen pub dose	24/25	96	15/26	58		
33	Lat perd leuk	23/25	92	21/26	81		
30	Rad induc leuk	21/25	84	17/26	65		
25	Rad induc cat	17/25	68	4/26	15		
38	Rad induc mal	25/25	100	20/26	77		
1	Radiosensitive	25/25	100	26/26	100		
49	Holding pt	25/25	100	23/26	89		
17	Preg radio	25/25	100	25/26	95		
34	Expos switch	24/25	96	24/26	94		
50	Exp cord	23/25	92	23/26	89		

Annual effective dose- emphasize dose limit of 5 rem

General public dose- emphasize general public dose limit of .5 rem

Latent period for leukemia 4-7 yrs

Leukemia is a linear non threshold

Cataracts are 15 years

Types of radiation induced malignancies