

Course Plan

Title of course	Cancer Prevention	
Target group	PhD by research students	
Course Director	Dr. Kazem Zendehtel, MD. PhD.	
Other Eligible groups	Students in all public health sciences	
Credit	TWO (theory credits)	
Place	Conference Hall, Cancer Research Center, Cancer Institute, Imam Khomeini Medical Center	
Main Objective	The course provides specialized instruction in the principles and practice of cancer prevention and control. Participants will gain a broad-based perspective on concepts, issues, and applications related to this field.	
Course syllabus	1. Introduction to the Cancer Problem (First session _ Introductory and making final)	2hrs
	2. The Science of Cancer Prevention	1hr
	3. Cancer Surveillance System	2hrs
	4. Risk Factor Control (4 sessions)	
	4.1. Infection	1hr
	4.2. physical activity and weight control	1hr
	4.3. Nutrition, diet	2hrs
	4.4. Tobacco control	2hrs
	4.5. Occupational Exposures	2hrs
	5. Cancer Risk Modeling (Genetic and Familial Cancer) Risk assessment	2hrs
	6. Clinical Cancer Prevention	2hrs
	7. Site Specific Cancer Screening and Prevention	
	7.1. Breast Cancer	2hrs
	7.2. Colon Cancer	2hrs
	7.3. Cervical Cancer	1.5hrs
	7.4. Gastric and Esophageal Cancer	0.5hrs
7.5. Prostate Cancer		

	7.6. Oral Cancer	
	8. Health Promotion and Cancer Prevention	2hrs
	9. NCI toolkit for Team Science	2hrs
	10. Policy and Advocacy	2hrs
Cognitive Specific Objectives	All specific objectives mentioned on the Syllabus part.	
Attitude Specific Objectives	Presenting correct contexts about cancer prevention which could lead students to know methodological approach and systematic overview to cancer prevention, moreover helping them to implement the evidence in health policy and practice.	
Practical Specific Objectives	Not practical	
Content & Suggestions	Go to syllabus	
Educational Strategy	Reviewing the course materials, discussion scientifically, assessment the domestic condition, customization the theories with the domestic context and making ideas and solutions	
Educational Methods	Review the literature Group discussion Doing homework and self-learning specially about domestic condition Brain storming and making idea	
Educational Tools	We will use social networks to sharing files and opinions, using databases like Scopus and Medline for literature review	
Students duties	<ul style="list-style-type: none"> • Attending class • Being active in course discussions • Doing homework and presentation • Study the subjects • Taking mid- and final exams 	
Course evaluation	Gradual Ev. : Attending class, doing homework, presentations Intensive Ev. : Mid-term and final exam	
References	International Agency for Research on Cancer (IARC/WHO), World Cancer Report 2014, Edited by BERNARD W. STEWART and CHRISTOPHER P. WILD http://www.who.int/cancer/modules/en/	