

Course Summary:	Course will address recent studies in changing medical behavior, nutrition and its affects on learning disorders and the relationship to delinquency, brain chemistry and dysfunction and abnormal client behavior, role of nutrition and diet in controlling depression, aggressive and hostile behavior, affects of light hues and changes in behavior control, neurotoxins and brain dysfunction pollutants and environmental factors that produce abnormal behavior, offender classification and possible approaches to treatment modification for offenders. Course will aid in developing skills needed by probation officers to identify signs of deficiency in offenders and recognize approaches for positive change.
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Performance Objectives:	
A. Identify factors (bio-chemical and ecologic) that influence criminal and delinquent behavior.	
B. Identify recent findings from current research on nutrition and how diet can affect criminal and delinquent behavior.	
C. Identify allergies associated with foods that are most likely to affect inmate/wards behavior while in custody and also in their own home or in placement.	
D. Identify findings from recent studies on nutrition in institutions that can be modified in order to control inmate/ward behavior.	
E. Identify signs of brain dysfunction that may result in abnormal behavior of a client.	

Course Outline				
Day	Time Begin (24 Hour)	Time End (24 Hour)	Subject or Topic	Instructional Methodology
1	0800	1000	Introduction and Orientation. Recent research and trends, review of studies in medical behavior that can contribute to delinquency and criminality. Effects of nutrition on behavior, learning disorder of delinquents and the relationship of these disorders to crimes committed.	Lecture Group Discussion Audio/Video Clip
1	1000	1200	Current research on brain chemistry dysfunction. Chemistry and the central nervous system resulting in abnormal and delinquent behavior.	Lecture Group Discussion Audio/Video Clip
1	1200	1300	Lunch	
1	1300	1500	Effects of specific hues and light activity in an institutional setting (aggressive and violent uncontrollable behavior). Role of neurotoxins on brain function, lead toxicity. Cadmium vs. zinc/copper and adverse effects of aluminum on behavior resulting in errors of offender classification and treatment.	Lecture Group Discussion Audio/Video Clip
1	1500	1700	Use of environmental modification, ecology and food allergies on abnormal behavior and recent international studies on nutrition in institutions, relationships between institutional problems and home/field problems. Summary and Evaluations.	Lecture Group Discussion Audio/Video Clip