Science Based Nutrition Inc. 5787 Far Hills Ave. Dayton, OH 45429 937-433-3140 937-439-0088 fax www.ScienceBasedNutrition.com

Course Syllabus

Title of Course: Science Based Nutrition Foundational Laboratory Analysis:

Identifying serious diseases, determine metabolic imbalances and nutrient recommendations by using objective testing. Prove and document results through retesting.

Clock hours: 12 Instructor: Van D. Merkle DC, DABCI, DABCN, CCN

Description: Advanced analysis and nutritional protocols from comprehensive blood tests and extensive profiles correlating with hair analysis, urinalysis and other objective testing. The course reviews recognizing, assessing and determining appropriate referral or collaborative treatment of a patients conditions and treatment.

Hour 1	*This course will offer additional nutritional services to the Chiropractic Office through testing Introduction to Science Based Nutrition
(8am-9am)	Why do blood testing?
	How to do blood testing? Optimum verifiable health through objective testing
Hour 2	*This course will review how to read blood test and cost of the testing for the Chiropractor
(9am-10am)	How to read a blood test Cost to patients and costs to the doctor Legal ramifications
	Malpractice considerations Take on the tough cases- having and gaining confidence.
Hour 3	*This course will teach the basics of reviewing the testing of CBC and Differential Nutrients
(10am-11am)	For a better understanding of the testing to the doctor. Starting with the basics
(Toam-Train)	CBC and Differential and nutrient recommendations
Hour 4	*This course will teach the basics of looking at testing of Diabetes, Glucose, Hemoglobulin, & Triglycerides. For a better understanding of the testing to the doctor.
(11am-12noon)	Diabetes Glucose and Hemoglobulin A1C
	Triglycerides, plus other factors and nutrient recommendations
(12noon-1pm)	-Lunch Break (1 Hour)-
Hour 5	*This course will teach the basics of reviewing the testing of Heart disease and Cholesterol For a better understanding of the testing to the doctor.
(1pm-2pm)	Heart disease
	Cholesterol: Total, HDL, LDL, VLDL, plus other factors Nutrient recommendations
Hour 6	*This course will teach the basics reviewing the testing of Kidney function. For a better understanding of the testing to the dester
(2pm-3pm)	the testing to the doctor. Kidney function: BUN, Creatinine, BUN/Creatinine ratio, plus other factors and nutrient recommendations.

Hour 7	*This course will teach the basics reviewing the testing of Liver disease. For a better understanding of the testing to the doctor.
(3pm-4pm)	Liver disease: Hepatitis A, B and C and cirrhosis, hemochromatosis. Liver function: SGOT, SGPT, GGT Plus other factors, nutrient recommendations.
Hour 8	*This course will teach the basics reviewing the testing of Gall Bladder disease. For a better understanding of the testing to the doctor.
(4pm-5pm)	Gall Bladder disease: etiology, test findings, physical findings. Nutritional therapy and workshop of soft tissue manipulation for gall bladder disease and hiatal hernia will be demonstrated.
	-Seminar adjourns for the day and resumes the next morning for day two
Hour 9	*This course will teach the basics reviewing the testing of Metabolic and disease indicators. For a better understanding of the testing to the doctor.
(8am-9am)	Warning signs: don't miss these! Metabolic and disease indicators including: ESR, CRP, Ferritin, CK etc. Nutrient recommendations.
Hour 10	*This course will teach the basics reviewing the testing, documentation and reporting to help in office efficiency to the doctor. Reporting, follow up testing, documentation
(9am-10am)	How to do reports easily and accurately.
Hour 11	*This course will be a hands on blood analysis workshop with actual support cases of tests. For a better understanding of the testing to the doctor. Workshop, hands on blood analysis. Using actual cases from my practice, the doctors will
(10am-11am)	analyze several blood tests doing diet modification and vitamin recommendations then comparing their analysis and recommendations with what was actually done in my office.
Hour 12	*This course will teach the testing and recommendations to help the doctor become comfortable with looking at blood work.
(11am-12noon)	Detailed explanation of the recommendations and results of further blood testing and patient comments. This will help the doctor to get become comfortable with looking at blood work and performing analysis and recommendations.

Note: Each section will be supported and explained with documented case studies and results from Dr. Merkle's 25 plus years of experience and practice.