

Science Based Nutrition Inc.
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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 patient's conditions and treatment.

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

-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.
(9am-10am) Reporting, follow up testing, documentation
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.
(10am-11am) Workshop, hands on blood analysis. Using actual cases from my practice, the doctors will analyze several blood tests doing diet modification and vitamin recommendations then compare 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.