

# Forensic Alcohol Consulting & Training, LLC

---

Matthew E. Malhiot

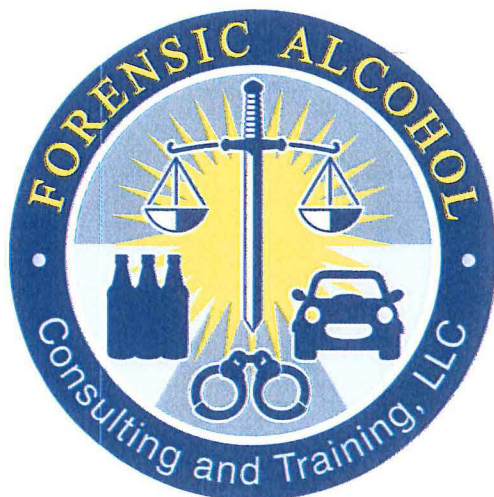
Presents

*The Intoxilyzer® 8000*

*And*

*Florida Software V8100.27*

*Understanding the Instrument, Interpreting the Results*



110 Prominence Point Parkway

Suite 114-275

Canton GA, 30114

(678) 880-3171

Fax (678) 880-3181

[www.ForensicAlcoholConsulting.com](http://www.ForensicAlcoholConsulting.com)

[mmalhiot@forensicalcohol.com](mailto:mmalhiot@forensicalcohol.com)

# The Intoxilyzer® 8000

---

Understanding the Instrument, Interpreting the Results

and Florida Software V8100.27

October 28, 2010, World Golf Village

---

7:30am – 8:00am	Coffee / Breakfast / Intro
8:00am – 8:50am	The Instrument A Look at the Intoxilyzer® 8000 Inside and Out
9:00am – 9:50am	How does it work ? Technical Data, Infrared Light Absorption
10:00am – 10:50am	The Menu Options Breath Test Operator/Agency Inspector/Department Inspector
11:00am – 11:50am	Instrument Messages A Detailed Look at the Messages Generated by the Instrument
11:50am – 1:00pm	Lunch
1:00pm – 1:50pm	Limitations of Forensic Breath Analysis Issues with Breath Testing
2:00pm – 2:50pm	The Agency & Department Inspection FDLE/ATP Form(s) 36, 39, 40 & 41
3:00pm – 3:50pm	Running a Breath Test FDLE/ATP Form(s) 37 & 38
4:00pm – 4:50pm	FDLE Alcohol Testing Program's Web site and Understanding the Data

# Curriculum Vitae

Matthew E. Malhiot  
Forensic Alcohol Consulting and Training LLC  
110 Prominence Point Parkway  
Suite 114-275  
Canton, GA 30114  
(678) 880-3171  
Fax (678) 880-3181  
www.ForensicAlcoholConsulting.com  
September 2010

## Park University (Parkville, Missouri)

Bachelor of Science (Criminal Justice Administration)

## National Highway Traffic Safety Administration Training

DUI Detection and Standardized Field Sobriety Testing  
Drugs that Impair Driving  
DUI Detection and Standardized Field Sobriety Testing, Instructor/Trainer  
NHTSA Instructor / Facilitator Workshop  
NHTSA DUI S.F.S.T. Instructor Update(s)

## Police Officers Standards of Training (POST) Training

DUI Mobile Video Train the Trainer (Instructor Course)  
Law Enforcement Search and Seizure Workshop  
Drug Awareness

## Montana State Department of Justice, Forensic Science Division

Breath Test Specialist Certification  
Breath Test Senior Operator Certification  
Breath Test Technician Certification  
Re-certification completed as required through 2001

## US Air Force Training

USAF Police Academy



International Association for Chemical Testing                      May 2003, Apr 2005  
Forensic Ethanol Analysis and Interpretation Presented by  
    The Forensic Toxicologist Certification Board, Inc.                      Apr 2004  
Indiana University Center for Studies of Law in Action, Symposium  
    On Blood and Breath Alcohol Test Program Management  
    And Administration                      Oct 2004

**Current Permits**

Florida Department of Law Enforcement, Breath Test Operator  
Florida Department of Law Enforcement, Agency Inspector

**Certifications**

Florida Department of Law Enforcement, Department Inspector  
Florida Department of Law Enforcement, Criminal Justice Standards  
    and Training Instructor  
CMI, Inc Intoxilyzer 5000 Instructor  
CMI, Inc Maintenance and Repair, Intoxilyzer 5000  
Guth Laboratories, Simulator Model 2100 & Model 34C Repair and Calibration  
CMI, Inc Intoxilyzer 8000 Operation, Maintenance & Calibration  
CMI, Inc Intoxilyzer 8000 Advanced Repair, Maintenance & Calibration

**Professional Organizations, Affiliations and Memberships**

International Association for Chemical Testing, Inc.  
Former Member: International Law Enforcement Educators and Trainers Association  
Basic Law Enforcement Curricula Committee for Traffic Stops, DUI, Field Sobriety  
    Testing and HGN Development

**Professional Training & Education Provided**

Adjunct Instructor: University of North Florida, Institute of Police Technology &  
    Management  
Adjunct Instructor: Tallahassee Community College  
Instructor for Florida County Court Judge Training

**Expert Testimony Provided**

Montana  
    Cascade County Justice Court  
    8<sup>th</sup> District Court  
    Supreme Court (315 Mont. 480, 68 P.3d 848)

Federal Court

Great Falls District Federal Magistrate Court  
US Air Force Courts Martial

Florida Courts

Alachua County	Columbia County	Duval County
Escambia County	Marion County	Okaloosa County
St. John's County	Clay County	Flagler County
Bay County	Suwannee County	Washington County
Nassau County	Jefferson County	

Georgia Courts

Cobb County

**Areas of Expert Testimony Provided**

Alcohol and the Human Body  
Forensic Alcohol Toxicology  
Pharmacokinetics of Ethanol  
Pharmacodynamics of Ethanol  
Intoxilyzer 5000 (64, 68 & EN)  
Intoxilyzer 8000  
Standardized Field Sobriety Testing  
Medial Legal Blood Conversion  
Hand held Breath Test Instruments (PBT)  
Horizontal Gaze Nystagmus (HGN)  
Retrograde Extrapolation  
Widmark Calculations  
Florida Rules for Alcohol Analysis 11D-8 F.A.C  
Breath Testing Curricula and Training  
Frye & Daubert Standard in Breath Testing  
National Safety Council Standards  
Methods of Alcohol Analysis  
Infrared Breath Alcohol Analysis  
Electro-Checmical Breath Alcohol Analysis  
Quality Control Procedures  
Forensic and Legal Aspects of Breath Alcohol Analysis  
Breath Alcohol Analysis, Theory and Operation  
Pharmacology and Toxicology of Ethyl Alcohol