

U.S. DEPARTMENT OF HOMELAND SECURITY
FEDERAL LAW ENFORCEMENT TRAINING CENTER
OFFICE OF TRAINING OPERATIONS
TECHNICAL OPERATIONS DIVISION



Homeland Security

LESSON PLAN

WIRELESS TECHNOLOGY EMERGING ISSUES

3265

NOV/09

~~WARNING~~

~~This document is FOR OFFICIAL USE ONLY (FOUO)/LAW ENFORCEMENT SENSITIVE (LES). It contains information that may be exempt from public release under the Freedom of Information Act (5 U.S.C. 552). It is to be controlled, stored, handled, transmitted, distributed, and disposed of in accordance with Department of Homeland Security policy relating to FOUO information and is not to be released to the public or other personnel who do not have a valid 'need-to-know' without prior authorization of an authorized Department of Homeland Security Official.~~

~~FOR OFFICIAL USE ONLY~~

LAW ENFORCEMENT SENSITIVE

DEVELOPED BY: (MAR/08)

(b)(6)

Senior Instructor, CFI (Team Leader)
Senior Instructor, CFI
Senior Instructor, CFI,

REVIEWED BY: (NOV/09)

(b)(6)

Senior Instructor, Technical Operations Division (Team Leader)
Program Specialist, Technical Operations Division

LP updated as follows:

Division Title changed from CFI to TOD, and FOUO/LES markings added.

SYLLABUS

COURSE TITLE: WIRELESS TECHNOLOGY EMERGING ISSUES

COURSE NUMBER: 3265

COURSE DATE: NOV/09

LENGTH OF PRESENTATION:

LECTURE	LAB	P.E.	TOTAL	PROGRAM	OPTION
2			2	MDIP	

DESCRIPTION:

The world of cellular and wireless communication is an ever changing environment which presents the Law Enforcement Officer (LEO) ever changing challenges. The LEO must be constantly aware of the changes in technology and the manner in which the criminal element may use this technology.

This course is designed to be used as a special topic presentation by Senior and/or guest instructor(s). Selected contemporary issues of interest to the students revolving around the investigating of mobile and hand held devices, as well as emerging technologies and issues shall be presented and discussed. The Program Coordinator should insure that the presentation remains up-to-date.

AREAS COVERED:

Following a presentation relating to emerging issues surrounding the investigation of cellular and wireless mobile and hand held devices the student will identify specific challenges and avenues of investigation they may encounter by:

- Discussing current issues involving emerging technologies in the field of cellular and wireless technology investigations.
- Describing the challenges and avenues of investigation the Law Enforcement Officer may deploy.

STUDENT SPECIAL REQUIREMENTS:

There are no special requirements.

INSTRUCTOR GUIDE

METHODOLOGIES:

1. Lecture with questions
2. Discussion
3. Demonstration
4. Case study

TRAINING AIDS/EQUIPMENT:

1. Instructor:
Will be based on topic presented.
2. Student:
Will be based on topic presented.

INSTRUCTOR SPECIAL REQUIREMENTS:

If taught by a Guest Instructor, the Guest Instructor will provide a lesson. If any laboratory exercises are to be performed it shall be provided along with the lesson plan.

OUTLINE OF INSTRUCTION

I. INTRODUCTION

A. RAPPORT AND OPENING STATEMENT

1. If presented by a Guest Instructor the Guest Instructor will either be introduced by the Program Coordinator or self introduce. The introduction should include the law enforcement experience of the Guest Instructor.
2. The general relevance of the topic shall be outlined.

B. DESCRIPTIVE OVERVIEW

Following a presentation relating to emerging issues surrounding the investigation of cellular and wireless mobile and hand held devices the student will identify specific challenges and avenues of investigation they may encounter:

1. Discussing current issues involving emerging technologies in the field of cellular and wireless technology investigations.
2. Describing the challenges and avenues of investigation the Law Enforcement Officer may deploy.

II. PRESENTATION

A. DISCUSSING CURRENT ISSUES INVOLVING EMERGING TECHNOLOGIES IN THE FIELD OF CELLULAR AND WIRELESS TECHNOLOGY INVESTIGATIONS.

The presenter shall share with the students the emerging trends in cellular and wireless technology investigations they may be confronted with giving specific examples and how they are relevant to an investigation.

B. DESCRIBING THE CHALLENGES AND AVENUES OF INVESTIGATION THE LAW ENFORCEMENT OFFICER MAY DEPLOY.

1. The presenter shall describe the investigative challenge presented by the emerging technology.
2. The presenter shall share with the students what investigative techniques are currently in use to assist in an investigation as it relates to the emerging technology.

III. SUMMARY

A. REVIEW OF AREAS COVERED

Discussing current issues involving emerging technologies in the field of cellular and wireless technology investigations.

Describing the challenges and avenues of investigation the Law Enforcement Officer may deploy.

B. REVIEW OF TEACHING POINTS

The Emerging Issues presentation was created to keep participants in the Mobile Device Training Program abreast of the changing technology challenges and solutions regarding the investigation of mobile and hand held wireless devices.

IV. APPLICATION

A. LABORATORY

None

B. PRACTICAL EXERCISE

None

REFERENCES

None

BIBLIOGRAPHY

None

ATTACHMENTS

None