

MASTER COURSE SYLLABUS

Course Title: Radar/LIDAR Operator

Course Abbreviation and Number: CRI 1370

Credit Hours: 2

Course Type: Lecture/Lab

Course Description: This course provides the basic knowledge from which to prepare a student for the use of a police radar/LIDAR utilized by police agencies across New York state. Instruction in such topics as basic principles of radar and LIDAR, legal and operational considerations, calibration and set up procedures, mock courtroom testimony, speed estimates and supervised field practicum.

Prerequisite: student must be a certified police officer of a recognized law enforcement agency, or by permission of academy director.

Student Learning Outcomes:

Students who demonstrate understanding can :

1. Demonstrate an understanding of the basic principles of police radar and lidar.
 2. Perform speed estimates within New York State standards.
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Topics Covered:

- Introduction and overview of radar/lidar
 - Speed offenses and enforcement
 - Basic principles of radar speed enforcement
 - Lidar principles
 - Legal and operational considerations
 - Calibration and set up of radar and lidar
 - Field projects
 - Speed estimations practice and proficiency tests
 - Field project review
 - Court
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Information for Students

- Expectations of Students
 - Civility Statement (<http://www.sunyjsc.edu/current-students/classroom-civility>)
 - Student Responsibility Statement (<http://www.sunyjsc.edu/academics/student-responsibility>)
 - Academic Integrity (<http://www.sunyjsc.edu/faculty-staff/academic-integrity>)
 - Disability/Special Services
 - Any student who requires accommodations to complete the requirements and expectations of this course because of a disability should make their needs known to the Coordinator of Accessibility Services, 716.338.1251.
 - Emergency Closing Procedures (<http://www.sunyjsc.edu/student-life/campus-safety/jcc-alert>)
 - Course grade is determined by the instructor based on a combination of factors, including but not limited to, homework, quizzes, exams, projects, and participation. Final course grade can be translated into a grade point value according to the following:

A=4.0	B+=3.5	B=3	C+=2.5	C=2	D+=1.5	D=1	F=0
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 - Veterans and active duty military personnel with special circumstances (e.g., upcoming deployments, drill requirements, VA appointments) are welcome and encouraged to communicate these to the instructor.
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Effective Date: Fall 2019