Forensic Ballistics Lecture

I. **Course Code:** CFORBAL
II. **Course Name:** Forensic Ballistic Lecture
III. **Course Description:** A scientific study of firearm identification with the use of laboratory examination. The course gives emphasis on the history, important dates and personalities in the study of ballistics, the study of firearms, ammunitions, projectiles, gunpowder and primer through the use of the forensic ballistics laboratory equipment. It also deals with the principles of firearm identification and preparation of reports for legal proceedings in the solution of cases involving firearms.

IV. **Course Learning Outcomes:**
   - CLO1: Conduct Criminological research on importance dates and personalities behind the development of ballistics in investigation and detection crimes and criminal justice.
   - CLO2: Demonstrate the different types of firearms, ammunitions, projectiles, primer, explosives, gunpowder in crime detection and investigation.
   - CLO3: Apply the principles of jurisprudence procedure in presenting forensic ballistics evidence in court proceeding.
   - CLO4: Collaborate in the investigation and identification of firearms effectively and independently in multi-disciplinary and multi-cultural teams.
   - CLO5: Engage in lifelong learning and understanding on the development of forensic ballistic as a field in criminology.
   - CLO6: Apply professional, social, and ethical standards in the practice of forensic ballistics.

V. **No. of Units:** Lec: 2 Lab: 0

VI. **Co-Requisite:** CFORBALLL

VII. **No. of Hours Per Week:** 2

VIII. **Course Outline:**
   - **Midterm**
     - Definition Of Operational Terms In The Study Fire Arm Identification
     - Ballistics And Its Origin
     - Cartridge/Ammunition
   - **Finals**
     - Primer
     - Rifling
     - Forensic, Forensic Ballistics And Firearms Identification.
IX. **References:**

- Manlusoc, Ariel C.( 2016). Forensic ballistics

X. **Requirements:** Comply and pass all academic requirements

XI. **Computation of Grades:** The passing score is 50% of the total items in the examinations, while the passing grade for the semester is 75% or 3.00. The basis for the computation of the semester grade is as follows:

- **Midterm grade:** 70% Class standing and 30% midterm examination
- **Final Grade:** 70% Class standing and 30% final examination
- **Semester grade:** 50% midterm grade and 50% final grade