Course Number & Title: Introduction to Automated Fingerprint Identification System (AFIS)  
CRMJ 2005

Semester /Year: Spring 2015

Lecture Hours: 16 hours  
Credit Hours: 1

Class Time: 8:00am – 5:00pm  
Days: March 28 & 29, 2015  
Room: PS 317

Instructor: John Becker  
Phone: (3070 235-9352

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jbecker@caspercollege.edu

Office Hours: By Appointment  
Office Hours: 8am – 5pm Daily

Course Description: Exploring the area and usage of the Automated Fingerprint Identification System (AFIS) that is used in the criminal justice system today. To include latent and ten-print card processing, search results and processing fingerprints and database and status control.

Statement of Prerequisites: With this class being a continuation of Criminalistic class the student needs to be enrolled in or has attended Criminalistics or approval by the instructor.

Goal: For each student to learn the proper techniques in rolling fingerprints to a ten print card, entering the information off of the ten print card into the AFIS system, lifting fingerprints off of a surface and onto a readable card, entering the lifted print into the AFIS system, and being able to compare the lifted print to the ten print card or any other match able prints in the AFIS system.

Outcomes: With each student being able to achieve their goals they will leave with a greater understanding of how each individual person has unique fingerprints but if that person has their fingerprints entered into the AFIS system it is possible to match hundreds of thousands of fingerprints to that one individual.

Course Objectives: At the end of the course students will be able to: 1) enter fingerprints from lifted prints and ten print cards. 2) Identifying the deltas, cores, and whorls of each print. 3) Identifying prints from partial prints lifted at the crime scene and matching these prints through the AFIS system. 4) Adding and/or deleting ridges to make the print legible for evidentiary and court procedures.
**Methodology:** Students will learn as the result of rolling prints onto a ten-print card and lifting prints off of items at a crime scene. Then entering their ten-print cards and lifted prints into the Automated Fingerprint Identification System (AFIS). In turn being able to match fingerprints that are in the AFIS system and coming to a conclusion of a proper match.

**Evaluation Criteria:** Each student will be graded on: 1) Rolling prints on a ten-print card. 2) Dusting and lifting partial prints off of items left at a crime scene. 3) Scanning prints into AFIS. 4) Printing and showing their findings to the instructor for court room demonstrations.

**Reading Text, Readings, Materials:** No Text Required

**Last Date to Change Audit Status or Withdraw with a “W” Grade:** April 17, 2014

**Student’s Rights & Responsibilities:** Please refer to the Casper College Student Conduct and Judicial Code for information concerning your rights and responsibilities as a Casper College Student.

**Chain of Command:** If you have any problems with this class, you should first contact the instructor to attempt to solve the problem. If you are not satisfied with the solution offered by the instructor, you should then take the matter through the appropriate chain of command starting with the Department Head/program Director, the Dean, and lastly the Vice President of Academic Affairs.

**Academic Dishonesty:** (Cheating & Plagiarism) Casper College demands intellectual honesty. Proven plagiarism or any form of dishonesty associated with the academic process can result in the offender failing the course in which the offense was committed or expulsion from school. See the Casper College Student Code of Conduct for more information on this topic.

**Official Means of Communication:** Casper College faculty and staff will employ the student’s assigned Casper College email account as a primary method of communication. Students are responsible to check their account regularly. This is also, where you will find course evaluation links during course evaluation periods.

**ADA Accommodations Policy:** If you need academic accommodations because of a disability, please inform me as soon as possible. See me privately after class, or during my office hours. To request academic accommodations, students must first consult with the colleges’ Disability Services Counselor located in the Gateway Building, Room 344, (307) 268-2557, bheuer@caspercollege.edu. The Disability Services Counselor is responsible for reviewing documentation provided by students requesting accommodations, determining eligibility for accommodations, and helping students request and use appropriate accommodations.
Course: Introduction to Automated Fingerprint Identification System (AFIS)

Tentative Calendar or schedule indicating Course Content:

March 28, 2015

8:00 – 8:30  Introduction to AFIS
8:30 – 10:00  Rolling Prints and palms on to a Ten-Print / Palm Print Card
10:00 – 12:00  Ten-Print / Palm Card Processing
   Text Record Input
   Scanning & Import
   Database Input
   Using NCIC & Henry Classification
   Search for Ten – Print / Palm Print data
12:00 – 1:00  Lunch
1:00 – 5:00  Ten-Print / Palm Card Processing (Continued)
   Text Record Input
   Scanning & Import
   Database Input
   Using NCIC & Henry Classification
   Search for Ten – Print / Palm Print data
4:00 – 5:00  Finding Results of a Search through Live Scan

March 29, 2014

8:00 – 10:00  Dusting and Lifting partial prints / palms from items in the crime scene
10:00 – 12:00  Latent Scanning / Acquisition / Import lifted print into AFIS
12:00 – 1:00  Lunch
1:00 – 4:30  Comparing Matched Images
   Lifted & Ten-Print / Palm Cards
   Clarifying and Detailing Prints
   Processing & Printing Print Findings
4:30 – 5:00  Review of Findings & Court Preparation
   Course Review
   Closing