CASPER COLLEGE COURSE SYLLABUS

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

Semester /Year:  Spring 2016

Lecture Hours: 16 hours  Credit Hours: 1

Class Time:  8:00am – 5:00pm  Days: April 2 & 3, 2016  Room: PS 317

Instructor:  John Becker  Phone: (3070 235-9352
Email:  beckerj@natronacounty-wy.gov  jbecker@caspercollege.edu

Office Hours: By Appointment

Course Description:  Students will explore the use of the Automated Fingerprint Identification System (AFIS) that is used in the criminal justice system today. This will include:

- Latent fingerprint development and lifting
- Ten-print card processing
- Searching a fingerprint database
- Processing fingerprints
- Fingerprint database management
- Status control

Statement of Prerequisites:  This class is an extension of CRMJ 2570 - Criminalistics. Students need to be enrolled in or have completed CRMJ 2570 or have the approval of the instructor.

Goal:  Each student will 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:  Upon successful completion of the course, each student will be have 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 search hundreds of thousands of fingerprints in order to find those that match 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) Identify the deltas, cores, and whorls of each print. 3) Identify prints from partial prints lifted at the crime scene and match these prints through the AFIS system. 4) Add and/or delete ridges to make the print legible for evidentiary and court procedures.

Methodology: Students will roll fingerprints prints onto a ten-print card and lift latent prints off of items at a simulated crime scene. They will then enter their ten-print cards and lifted latent prints into the Automated Fingerprint Identification System (AFIS). In turn, they will locate one or more fingerprints from the database within the AFIS system that potentially match. The student will then analyze these prints and come to a conclusion as to whether or not the print in the database matches the latent print from the simulated crime scene.

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 simulated crime scene.
3) Scanning prints into AFIS.
4) Printing and showing his or her findings to the instructor for courtroom demonstrations.

Reading Text, Readings, Materials: No Text Required

Last Date to Change Audit Status or Withdraw with a “W” Grade: April 14, 2016

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:

April 2, 2016

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

April 3, 2016

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