

DACUM Research Chart for Evidence Technician

DACUM Panel

Produced for

Grossmont College

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December 6-7, 2001

DACUM Research Chart for Evidence Technician

Duties		← Tasks →				
A	Document Crime Scene	A-1 Record briefing information	A-2 Photograph crime scene	A-3 Videotape crime scene	A-4 Determine what is evidence	A-5 Assign number to physical evidence
B	Collect Physical Evidence	B-1 Determine evidence collection techniques	B-2 Assemble evidence collection equipment	B-3 Label evidence packaging	B-4 Acquire physical evidence and controls	B-5 Package physical evidence and controls
C	Evaluate Physical Evidence	C-1 Examine collected evidence	C-2 Document evidence sub items (e.g., derivative)	C-3 Repackage evidence sub items (e.g., derivative)	C-4 Document condition of evidence	C-5 Generate evidence list
D	Process Physical Evidence	D-1 Determine evidence processing technique	D-2 Photograph evidence prior to processing	D-3 Prepare evidence processing chemicals/materials	D-4 Cast impression evidence	D-5 Determine evidence processing sequence
E	Process Victim/Suspect	E-1 Describe processing procedure to victim/suspect	E-2 Photograph victim/suspect	E-3 Collect gun shot residue	E-4 Collect biological samples (e.g., urine, blood, hair)	E-5 Examine victim/suspect for marks and injuries
F	Handle Physical Evidence	F-1 Transport physical evidence	F-2 Secure evidence from loss or contamination	F-3 Document chain of custody	F-4 Update evidence labeling	F-5 Reseal physical evidence
G	Build Case File	G-1 Assemble case notes	G-2 Organize case photos	G-3 Finalize case sketches and diagrams	G-4 Generate case reports	G-5 Review case reports for accuracy
H	Prepare Case for Court	H-1 Review case files	H-2 Review physical evidence	H-3 Review pertinent literature	H-4 Update professional resume for court	H-5 Discuss case with prosecutor
I	Continue Professional Development	I-1 Review professional literature	I-2 Participate in professional organizations	I-3 Participate in moot courts	I-4 Participate in continuing education courses	I-5 Present professional lectures
J	Perform Administrative Tasks	J-1 Perform equipment maintenance	J-2 Re-supply crime scene kits	J-3 Report workload statistics	J-4 Demonstrate weapon proficiency	J-5 Service lab vehicle

A-6 Photograph physical evidence	A-7 Measure crime scene	A-8 Diagram crime scene	A-9 Record crime scene notes			
B-6 Seal evidence containers	B-7 Secure physical evidence for transport					
C-6 Communicate evidence detail to detectives	C-7 Consult with criminalist/specialist	C-8 Refer evidence to criminalist/specialist				
D-6 Process evidence for latent prints	D-7 Document evidence processing results	D-8 Collect latent prints	D-9 Evaluate latent prints	D-10 Compare latent prints		
E-6 Photograph victim/suspect identifying marks and injuries	E-7 Collect victim/suspect's personal property	E-8 Roll major case prints	E-9 Photograph autopsy procedure	E-10 Collect autopsy evidence	E-11 Take custody of autopsy evidence	
F-6 Submit evidence to property and evidence unit	F-7 Duplicate audio/video evidence	F-8 Ensure evidence delivery to court	F-9 Coordinate disposition of evidence			
G-6 Distribute case reports						
H-6 Prepare court exhibits	H-7 Testify in court					
I-6 Present inservice training	I-7 Obtain professional certifications	I-8 Network with other professionals	I-9 Develop new forensic techniques	I-10 Publish forensic articles		
J-6 Photograph suspect lineups	J-7 Photograph community relations events	J-8 Participate in community relations events	J-9 Conduct lab tours	J-10 Attend staff meetings		

General Knowledge and Skills

Computer skills	Organizational skills
Communication skills (verbal/written)	Stress management
Legal knowledge	Map reading
Rules of Evidence	Drawing/sketching skills
Safety (biohazard, occupational, firearms)	Radio procedures
Analytical skills	Department policy
Scientific principles	Driving skills (vans)
Crime lab operations/ procedures	Photographic skills
	Observation skills

Worker Behaviors

Multi-tasking	Ethical
Stamina	Resourceful
Team player	Professional demeanor
Problem solver	Professional appearance
Detail oriented	Patient
Strong stomach (not squeamish)	Sense of humor
Positive attitude	Flexible
Self-motivated	Nonjudgmental
Responsible	Respectful

Tools, Equipment, Supplies and Materials

Computer (hardware and software)	Metal detector
Camera	Cyanoacrylate Ester Chamber
Audio/video equipment	Dye stains
Alternate light sources (e.g., infrared, ultraviolet, lasers)	Reference manuals
Electrostatic dust lifter	Copier
Casting materials	Scanner
Fingerprint kit	Darkroom equipment
Blood kit	Safety equipment
Electrical generator	Fuming hood
AIMS Device	Specialized photographic equipment
Vacuum metal deposition unit	Microscopes
	Pneumatic lifts

Future Trends and Concerns

- Legal issues with courtroom use of digital imagery
- Accreditation of labs
- Crime rate fluctuation
- New technologies/equipment
- Public expectations in regard to increased media coverage
- Budget concerns/salaries
- Lab integrity
- Burnout rate