

The Anthropology event challenges competitors to identify bones and estimate the victim's height. Participants will then match their findings to a list of missing persons, aiming to solve a simulated forensic puzzle.

### Entry Requirements

- Competitors in this event compete individually, not as a team.
- Chapters can only register 3 individuals to compete .

### Materials

Competitors are required to bring the following materials/supplies, as they will not be provided by TPSA. No other supplies/materials will be permitted.

- **Photo Identification** Reference [the rulebook](https://tpsa.info/rulebook) (<https://tpsa.info/rulebook>) for details
- **Gloves**
- **Pen** Blue or Black Ink
- **Clipboard**
- **Measuring Device** Needed to measure bone to calculate height (acceptable devices are: tape measure, meter stick, osteometric board)
- **Calculator** A calculator may be used to determine the height of the victim.

### Supplemental Documents

- [Anthropology Bone List and Formulas](#)
- [Anthropology Answer Document](#)

### Procedures and Timeline

- **Check In (10 min Time Limit)** Competitors must check in to their event at their designated **check-in time**. Competitors that arrive **ten (10) minutes** after their designated check-in time will be marked as no-shows and not be allowed to compete out of respect for the time commitment made by our Judges and Volunteers.
- **Pre-Event Briefing (5 min Time Limit)** After check-in, Competitors will be guided to the designated event area. Once there, the Moderator will provide a comprehensive briefing, detailing the event's instructions, rules, and procedures. This briefing ensures that each Competitor is well-informed and prepared for the subsequent stages of the competition.
- **Part 1 (10 min Time Limit)**
  1. The Competitor will have 10 minutes to complete Part 1.
  2. When the Moderator starts the timer and calls "start," the Competitor will don exam gloves and move to the table with the 20 bones laid out.
  3. The Competitor will examine each individual bone and record the name of the bone in the corresponding blank on the answer form.
  4. There will be 5 bones that will be flagged. For those 5 bones, the Competitor will also document if the bone is from the left or right side of the body.
  5. At 10 minutes, the Moderator will call time and the Competitor must place their hands in the air and back away from the table.
- **Part 2 (10 min Time Limit)**
  1. The competitor will have 10 minutes to complete Part 2.
  2. When the moderator starts the timer and calls "start," the competitor will move to the table for the height calculation.
  3. The competitor will examine the pelvis and complete the sex determination chart.
  4. Use the long bone provided to measure and calculate the victim's height, rounding to the nearest inch. Document your answer and show all work.
  5. Using the sex and height determined, look through the missing persons list and determine which person(s) are potential match(es) to the victim. Document your answer.
  6. At 10 minutes, the moderator will call time, and the competitor must place their hands in the air and back away from the table. The competitor will turn their answer document into the judge for scoring.
- **Evaluation and Scoring (5 min Time Limit)** After the completion of the event, the Judges will convene to assess each Competitor's performance based on a standardized rubric. This stage is conducted without the presence of the Competitor. Judges will evaluate the criteria outlined in the rubric to ensure a fair and objective scoring process. Once all assessments are finalized, scores will be recorded for each Competitor.

### Professional Dress Guidelines

To secure professionalism points, competitors should dress in attire that accurately reflects what professionals in the respective public safety careers would wear while performing the tasks associated with the event. Competitors are also expected to consult and follow the professional dress guidelines in the rulebook to qualify for points. Additionally, participation is contingent upon meeting all prescribed safety protocols.

### Safety Protocols

- **Long Pants** Long pants must be worn secured at the waist and shall not extend past the sole of the shoe. No portion of the leg shall be visible.

- **Jewelry** Rings must feature a continuous, even, and unadorned exterior surface. Necklaces must not be visible from the outside of the uniform. Bracelets may not be worn. If competitors have piercings beyond a single stud in each ear, they must cover these additional piercings with band-aids or wear clear studs to maintain a professional appearance.
- **Hair** All hair must be secured out of the eyes for the duration of the event. Competitors with hair extending past the top of the shoulder shall wear their hair secured neatly in a bun or ponytail ensuring that no hair extends below the collar of the uniform. It is not an exception to the rule that a Competitor's chosen hair style is too thick to be secured above the collar.
- **Shoes** Competitors must wear low-heeled, closed-toed footwear for this event.
- **Fingernail Length** Competitors' fingernails shall not extend past the tip of the finger and shall be free of any/all adornments. Color is not a factor.
- **Shirt Sleeves** IF Long sleeve shirts are worn, they shall fit closely at the wrist and not extend past the wrist.
- **Pant Length** Pants shall not extend past the sole of the shoe.

### **Judge Qualifications**

- Experience with anatomy and bone identification

[illegible]

Criteria	Unattempted	Unsatisfactory	Satisfactory	Proficient	Exemplary	Points
<b>Professionalism</b> This criterion evaluates the appropriateness of attire and the level of professional behavior displayed, considering industry standards relevant to the event.		<div>②</div> Attire is inappropriate for the event and does not meet industry standards. Professional behavior is inconsistent.	<div>⑤</div> Attire is mostly appropriate but may not fully meet industry standards. Professional behavior is generally acceptable.	<div>⑧</div> Attire meets industry standards and is appropriate for the event. Professional behavior is consistent.	<div>⑩</div> Attire meets industry standards and is appropriate for the event. Professional behavior is outstanding and goes above and beyond expectations. Attire quality is not a factor between Proficient and Exemplary.	

Total Score: 0 /100 pts