

Civil Engineering, Land Surveying, and Geospatial Technology (CESGT) Professional Advisory Committee (PAC) Meeting Information

- **Date/Time:** March 05, 2026 | 12:00–1:00 PM (Zoom)
- **Chair:** Mathew Dudley
- **Program Coordinator/Faculty:** Reg Parks
- **Admin support:** Doshia Dodd (new department AAI)

1) Welcome / Introductions

Attendees: (VM=voting member, **Quorum Met**)

- Lilly Capell (NV5, Director of Geomatics;VM)
- Tony Cinquini (Cinquini & Passarino, VM)
- Mathew Dudley (Cinquini & Passarino Land Surveying, VM, Chair)
- Tom Gallup (SHN Engineers, VM)
- Art Graff (Bauer & Associates; Geotechnical Engineering, VM)
- Mike Jones (Sonoma County Water Agency, VM)
- Steve Klein (Munsell Civil Engineering, VM)

- Doshia Dodd (STEAM, E&AT Department admin)
- Mackenzie Galindo (CE counselor)
- Robert Grandmaison (SRJC faculty; Engineering & Applied Technology, Dept Chair)
- Andre Hawks (Geostructural Engineering)
- Colleen Olmstead (Outreach; attending on behalf of Beatrice Camargo)
- Reg Parks (CESGT faculty/ program coordinator)
- Megan Rhodes (Career Hub / Job developer)
- Rachel Smith (Career Education; grant funds resource)
- Dr. Jeremy Smotherman (IERP Senior Director)

2) CESGT Program Update (slide packet)

- Slide deck link was referenced in the agenda; not everyone had it open during the meeting.
- Faculty hiring plug: program continues seeking qualified associate instructors (mentioned early in discussion).

3) Old/Continuing Business

3a) Faculty status + Spring/Fall schedules

- **Correction:** A redline “typo” on the schedule slide was noted (survey course number mix-up, redlines should be for both SURV63 spots, not SURV53).
- **Survey 63 / photogrammetry & remote sensing:** Assigned associate instructor’s outside workload constraints are slowing course/program evolution. Reg expects more clarity by summer; potential return to fuller capacity next year.

3b) Lindley STEM Center GNSS RTN Antenna Array

- **Status:** Installation complete (three antennas + receivers); now in calibration/stabilization phase to achieve high precision coordinates over time.
- **Training:** Reg has a second tutorial/training session planned with Topcon's national network trainer/manager.
- **Operational purpose:** Supports high-precision reference information for download or real-time broadcast to CESGT students conducting field surveys (private network only).

3c) SRJC Public GPS/GNSS Reference Station – permissions project

- Reg described the intended **South Campus** reference station and how it would:
 - Provide precise download and real-time reference and navigation information to support public and private users in the land surveying, civil engineering, scientific, and emergency services communities.
 - Contribute to **regional seismic/plate motion** monitoring models.
 - Potentially use a four-letter station code aligned with SRJC identity.

3d) Grant funding status

- 2025 funds described as spent; 2026 grant application work underway.
- Anticipated 2026 asks: **replacement equipment, software upgrades, and base/reference station** equipment; station funding may need to be phased over 1–2 years.

3e) Student scholarship + job availability

- Scholarships: program tracking multiple scholarship sources; some pending decisions. Lilly noted **that more opportunities exist if more local students apply** (East Bay CLSA context).
- Job announcements: agenda listed “20 so far”; Reg reported an **increase to 24** postings since the agenda was prepared, with hiring/placement tracking strongly.

4) New Business

4f) Meeting attendance (Mathew)

- Mathew emphasized that quorum/attendance is crucial to protect program funding and support grant justification.
- Robert added that minutes should document **specific equipment/program needs (“wish list”)** to support future grant narratives.

Membership/process notes:

- Lilly requested to replace her seat with a colleague (Rob Stevenson) not in attendance.
- Reg/Rachel clarified:

- **Roster changes** happen on an annual cycle (May heads-up; August submission; Board approval).
- **Proxies** are acceptable for one-off absences for voting members, but not a permanent swap.

4g) Central CA and SoCal programs (BA in 2027; Santiago Canyon/Orange Co.)

- Reg summarized SoCal program developments and an online-forward model using distributed field mentoring in place of in-person, structured field labs. Project in late 2023, first courses planned for Fall? 2027
- Group discussion covered:
 - Need for **standardized curriculum/checklists** for off-site field mentoring.
 - Risk of inconsistent student experiences vs. the “benefit” of real-world land surveyor variation.
 - Administrative issues include but are not limited to **actual mentoring hours/course unit correspondence**, differing vendor software/licensing logistics, variation in field expertise/skill sets/teaching abilities among mentoring surveyors.
 - Potential long-term idea: exploring the feasibility of a **baccalaureate path** at the community college level (not a decision; noted as discussion).

4h) Other attendee items

- **SRJC budget/reorg:** Discussion of budget deficit reporting, possible hiring constraints, and an administration request to move into reorganization—significant uncertainty remains.
- **Trades job fair announcement:** Megan Rhodes announced a **Trades Job Fair on April 15, 11:00–1:30**, inviting employers to participate and to contact her.

5) Conclusion / Next meeting

- Committee plans to reconvene **Fall 2026** (date/time TBD).
- Members were asked to communicate **proxy plans or roster change requests during the summer** to avoid last-minute issues at the start of the term.

Decisions/agreements captured

- General agreement on:
 - Importance of quorum/attendance and documenting grant-justifying needs in minutes.
 - Continued monitoring of SoCal/online + mentored fieldwork models, with a preference for clear standards if pursued.

Action items (from discussion)

- **Reg Parks**
 - Confirm fall course coverage/Survey 62–63 status with Neil King by summer.
 - Continue GNSS coordinate stabilization; complete follow-up Topcon training.
 - Advance planning/permissions for South Campus public reference station; evaluate phased grant strategy.
 - Encourage/track scholarship applications; share opportunities (including CLSA local chapters).
- **PAC members**
 - Share job postings with Reg early to reach students before positions fill.
 - Bring forward equipment/technology “wish list” items for minutes (grant justification).
 - Notify Chair/Reg in the summer about proxy needs or membership replacement requests.
- **Megan Rhodes**
 - Continue outreach for employer participation in the April 15 Trades Job Fair.
 - (THANK YOU, Megan, will try to attend in between scheduled classes and lab prep, RP)

Adjourned: 12:58pm