

Technical Review Committee

CECorps Committee Member Position Description

All Community Engineering Corps (CECorps) projects follow a rigorous process to provide a professional standard of care and appropriate response to community needs. While all project team deliverables are submitted to CECorps for a comprehensive review, the quality of the work product is ultimately the responsibility of the project team.

Description and Responsibilities

The Technical Review Committee (TRC) plays a crucial role in reviewing volunteer project team's technical deliverables to ensure their compatibility with standard engineering practices and that they are fulfilling the community's engineering request.

In particular, TRC Reviewers:

- Ensure that project team deliverables are of high quality, consider the regulatory constraints of a project, and protects and preserves the health, safety, and welfare of the public.
- Provide critical feedback on the project team's deliverables (work plan, engineering service agreement, and engineering reports and/or design).
- Review deliverables prior to the project team's presentation of the work products to the community.
- Are accountable to their fellow reviewers for providing a timely review; to the project teams for providing transparent feedback; and ultimately to the community in providing a professional standard of care.

Qualifications and Requirements

TRC reviewers are individuals committed to the CECorps mission who have extensive experience in a field of engineering or other discipline(s) (e.g., management, water treatment plant operations, etc.) that is relevant to the project.

Required experience and qualifications include:

- At least four years' experience in infrastructure analysis, management, operation, or design
- Professional licensure (including but not limited to PE, PLS, or Operator Certification)

- Active membership with the American Society of Civil Engineers (ASCE), American Water Works Association (AWWA), or Engineers Without Borders USA (EWB-USA)

Time Commitment

The average monthly time commitment is between 0 and 10 hours. Volunteer effort varies depending on the number of active CECorps projects and where they are in within their scope of work.

Financial Commitment

Each TRC member must hold an active professional membership with of one of the three CECorps partner organizations: American Society of Civil Engineers (ASCE), American Water Works Association (AWWA), or Engineers Without Borders USA (EWB-USA). The membership fee is the only financial commitment the TRC reviewer is required to make.

Resources and Training

TRC members are expected to be familiar with CECorps policies and processes available on the [CECorps website \(www.communityengineeringcorps.org\)](http://www.communityengineeringcorps.org). All approved applicants must attend an orientation that details the role and responsibilities of the position.

How to Apply

Interested, qualified volunteers can apply by submitting a resume and cover letter to cecinfo@ewb-usa.org. In your email or cover letter, please address any experience you have had with community development projects, in addition to any experience with the assessment, design, management, operation or review of small-scale infrastructure projects. You may also list any other volunteer experience you have had that would contribute to your effectiveness on this committee.