

**2019 Call For Papers**  
**Two-Year College Division, American Society for Engineering Education**  
**Annual Conference and Exposition**  
**Tampa, Florida**  
**June 15-19, 2019**

The **TWO-YEAR COLLEGE DIVISION** (TYCD) is composed of faculty and administrators from two-year colleges that have programs in Engineering, Engineering Science and/or Engineering Technology. The TYCD invites submission of paper and/or poster presentation abstracts from academia and industry on any topic that may benefit and interest two-year institutions. Topics of particular interest include, but are not limited to the following:

- Student recruitment and retention at two-year colleges.
- Innovative teaching methods and support programs at two-year colleges
- Articulation agreements: high school/two-year and two-year/four-year institutions.
- Issues related to student transfer from two-year to four-year programs.
- Student persistence and completion in two-year engineering technology programs and/or 2+2 programs.
- Job placement strategies for Engineering Technicians.
- Innovation and updates in curriculum for engineering technician programs.
- Issues facing two-year colleges with Youth and Adult apprenticeship programs.
- High school dual credit students in engineering transfer, engineering technology and engineering technician programs at two-year colleges.
- Microcontrollers, data acquisition, and/or embedded control courses and content delivered in two-year engineering technology programs. Share your experiences with Arduinos, Galileos, PICs, Launch Pads, and other platforms.
- Mechatronics and Industrial Controls for engineering technicians.
- Engineering/Technology Student Learning Outcomes Assessment at two-year institutions.
- ABET, ATMAE (or other) accreditation at two-year institutions.
- Federally-funded engineering and/or engineering technology grant projects awarded to two-year colleges.
- Other topics of relevance to two-year engineering, engineering technology and engineering technician programs.

Paper submission is a three-step process: submission of an abstract, a draft of the full paper, and final paper. Abstracts shall be 250–500 words in length and provide a clear statement of the paper’s objective, relevance to two-year colleges, assessment methods, and results. Abstracts will each receive one blind review. Authors of accepted abstracts will prepare a full paper for blind peer review; at least three reviewers will review the paper. Upon acceptance, a full paper will be submitted. Acceptance of both the abstract and the final full manuscript is required for presentation in TYCD sessions and for inclusion in the conference proceedings (publish to present). The division strongly encourages that authors conduct meaningful assessment of outcomes and report on the results of this assessment. Papers which provide little or no assessment should be marked as “Work in Progress” in Monolith upon submission. As there is a limited number of technical sessions in the TYCD, Work in Progress papers, or multiple papers by the same author(s), or papers that do not suit the content of a technical session, may be assigned to the conference poster session.

All abstracts must be submitted through the Monolith abstract & paper submission portal. Please check the ASEE website for final versions of the 2018 paper Author’s Kit, Publish-to-

Present information, paper and poster guidelines, and deadlines.

For further information, prospective authors and presenters may contact the TYCD Program Chair:

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