

**DATE:** July 28, 2011

**SUBJECT:** Chattanooga State Community College. Technical Certificate  
(24 credit hours) in Process Technology

**ACTION RECOMMENDED:** Approval

---

**BACKGROUND INFORMATION:** Wacker Polysilicon, North America, has requested that Chattanooga State establish a program in Process Technology to support workforce needs. This certificate will provide students training to be competitive for employment with Wacker and other local manufacturers. The certificate will be embedded in the existing A.A.S. degree in Engineering Technology, Chemical Engineering Technology concentration, and will constitute a new pathway toward associate degree completion.

**PROPOSED START-UP DATE:** Fall 2011

**1.1.20A MISSION:** The proposed program furthers the workforce development mission of the institution.

**1.1.20B CURRICULUM:** The certificate will require completion of a 24 credit hour curriculum, including 7 hours in general education and 17 hours in courses in the career field. Existing courses will support the credential.

**1.1.20C ACADEMIC STANDARDS:** College admission requirements apply.

**Projected Program Enrollment and Productivity:** Enrollment and productivity projections are based on local demand and a workforce needs analysis provided by Wacker Polysilicon, North America. The certificate is projected to produce 70 completers in year 1, 120 in year 2, and 75 in year 3.

**1.1.20D FACULTY:** No additional faculty are required.

**1.1.20E LIBRARY RESOURCES:** Library resources exist for the A.A.S. in Engineering Technology.

**1.1.20P COST/BENEFIT:** No start-up funds are required.

**1.1.30 POST APPROVAL MONITORING:** An annual performance review of the proposed program will be conducted for the first five years following approval. The review will be based on benchmarks established in the approved program proposal. At the end of this period, campus, governing board, and Commission staff will perform a summative evaluation. The benchmarks include, but are not limited to, enrollment and graduation, program cost, progress toward accreditation, library acquisitions, student performance, and others set by the institution and agreed upon by governing board and

Commission staff. As a result of this evaluation, if benchmarks are not met during the monitoring period, the Commission may recommend that the governing board terminate the program. The Commission may choose to extend the period, if additional time is needed and requested by the governing board.