

Tri-County Technical College
Engineering Graphics Technology Department/Industrial and Engineering Technology Division
Technical Advanced Placement (TAP) Program

Competency Verification and Teacher Recommendation Form

EGT 101 (Basic Technical Drawing)

SECTION I (To be completed by the *student*)

Please complete this section of the form and give it to your occupational/career center instructor.

(PLEASE PRINT)

Your Name: _____ Phone: _____

Address: _____ SSN: _____

City: _____ State: _____ Zip: _____

High School: _____ Grade: _____

SECTION II (To be completed by the *teacher*)

By placing my initials next to the appropriate competency statement listed on the back of this form, I verify this student has mastered major competencies of the course EGT 101 (*Basic Technical Drawing*) as defined in the approved syllabus dated March 15, 1996. I understand that in order to progress in the validation process for Technical Advanced Placement credit, a minimum of 75 percent of the competencies must be verified. Having met this requirement, I recommend this student be permitted to continue the validation process by completing the TAP exam, which I understand will be arranged through the Engineering Graphics Technology Department at Tri-County Technical College.

Teacher Name (PLEASE PRINT): _____

Signature: _____

Date: _____

Name of high school course(s) in which this student gained the required competencies for possible TAP advanced standing: _____

Date of course completion or expected completion: _____

Comments (if applicable): _____

Please make a copy of this form for your records and mail the original to Ms. Tonia McClain, Industrial and Engineering Technology Division Secretary, Tri-County Technical College, PO Box 587, Pendleton, SC 29670. (Questions regarding TAP procedures for EGT 101 should be directed to Mr. Roger Burgess, Department Head, Engineering Graphics Technology, at 646-1329.)

AB: 4/7/04

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COMPETENCIES (please initial each one)

- ____1. Create various linetypes.
- ____2. Utilize sketching techniques to produce single view and multi view and isometric sketches.
- ____3. Using geometric construction techniques to create single view drawings.
- ____4. Using ANSI Standard Y14.5 to correctly dimension mechanical drawings.
- ____5. Draw multi view drawings using projection techniques.
- ____6. Draw cast and modeled parts and apply fillets, rounds, and runouts.
- ____7. Draw primary auxiliary views, utilizing USC commands.
- ____8. Draw secondary auxiliary views.
- ____9. Apply text, notes and symbols to working drawings.
- ____10. Plot mechanical drawing utilizing line weights and scale.
- ____11. Plot from Model and Paper space at different scales.