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 115 (Engineering Graphics II)

SECTION I (To be completed by the *student*)
Please complete this section of the form and give it to your occupational/career center instructor.

Your Name (*PLEASE PRINT*):_____ 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 115 (*Engineering Graphics II)* as defined in the approved syllabus dated January 8, 2001. 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 115 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. Draw and dimension woodruff and squares key also fasteners and springs including symbology and notes.

_____2. Calculate proper size and draw fasteners to include retaining rings and keys.

_____3. Draw and dimension auxiliary views

_____4. Draw screw thread representations and provide correct thread notes.

_____5. Construct an isometric drawing and dimension.

_____6. Draw a complete mechanical assembly using proper Bill of materials, Balloons and notes.

_____7. Plot a complete mechanical assembly from model and paper space.

____ 8. Use blocks, wblocks, and attributes to create an assembly drawing.

____ 9. Draw casting and forging drawings and apply surface finish symbols.

____10. Draw and dimension various types of section views.