

TBPELS Surveyor Education Course Worksheet

Instructions

- 1) To complete the worksheet, identify the specific courses that you claim meet the topic area requirements as listed in the Worksheet Instructions. List the specific course title and number, the institution name, and the number of hours credited on your transcript for the course.
- 2) Acceptable Topic Areas are only Land Surveying (LS), Land Law (LL), Mathematics (M), Photogrammetry (P), Civil Engineering (CE), Forestry (F), and Physical Sciences (PS). All courses claimed are subject to review and approval by TBPELS. The minimum requirements are:

Approved Topic Areas		Minimum Required Hours
Land Surveying ^a	LS	9
Land Law ^b	LL	3
Mathematics ^c	M	6
Photogrammetry ^d	P	No Minimum
Civil Engineering ^e	CE	No Minimum
Forestry ^f	F	No Minimum
Physical Sciences ^g	PS	No Minimum

- 3) Acceptable courses for each topic are:

- a. **Land Surveying (LS)** courses acceptable to the board may include, but are not limited to, the topics of basic surveying, advanced surveying, route surveying, engineering surveying, geospatial engineering, and geodesy.
- b. **Land Law (LL)** courses acceptable to the board may include, but are not limited to, the topics of legal principles of surveying, boundary surveying evidence and boundary analysis, the U.S. public land survey system, and Texas specific laws impacting land surveying. Courses focusing primarily on real estate laws are not acceptable.
- c. **Mathematics (M)** courses acceptable to the board may include, but are not limited to, land surveying math, college algebra, trigonometry, analytical geometry, differential and integral calculus, linear algebra, numerical analysis, probability, statistics, and advanced calculus.
- d. **Photogrammetry (P)** courses acceptable to the board include, but are not limited to, courses that address the science and technology of obtaining reliable information about physical objects and the environment through the process of recording, measuring and interpreting photographic images and patterns of electromagnetic radiant imagery and other phenomena and includes the topics of remote sensing.
- e. **Civil engineering (CE)** courses acceptable to the board include, but are not limited to, courses that address the design, construction, and maintenance of the physical and naturally built environment.
- f. **Forestry (F)** courses acceptable to the board include, but are not limited to, courses that address the science of developing, caring for, or cultivating forests.
- g. **Physical Science (PS)** courses acceptable to the board include, but are not limited to, courses that study the non-living world, including physics, geology, physical geography, astronomy, chemistry, and geographic information systems (GIS).

- 4) An example of a suitable entry is:

Topic	Institution	Course Number	Course Name	Semester Hours
LS	Central Texas College	SRV 115	Introduction to Surveying	3

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- 5) If a course does not meet the criteria, a subject area is lacking in the appropriate number of required hours, or the overall application does not meet the minimum 32 hour requirements, additional coursework will be required by TBPELS.
- 6) The courses listed by the applicant are self-claimed to meet the application requirements to be eligible to become an SIT or RPLS. All course information claimed by the applicant will be reviewed and evaluated by TBPELS as part of the application process.
- 7) Applicants must submit a certified transcript(s) and course descriptions from your collegiate catalog for each course for the year and semester claimed that you are submitting toward the 32 hour requirement. Transcripts must be enclosed in an original sealed envelope and provided directly by the registrar's office of the institution.
- 8) This worksheet is to be filled out by the applicant as part of the Surveyor-In-Training (SIT) or Registered Professional Land Surveyor (RPLS) application.
- 9) See Section 1071.253 of the Professional Land Surveying Practices Act and Board Rule 134.31 (a) for more information on the educational requirements to become a SIT and Section 1071.254 of the Professional Land Surveying Practices Act and Board Rule 134.31 (b) for more information on the educational requirements to become an RPLS.

