

TSBP L-S Skills and Training for Contributing Level

Group Level	Skill Number	Skill	Complement Per Office	Prerequisites	Duties	Rank	Training	Measurements
All Core	8LS1	Application of Basic Math Skills to Survey Work	All		Self-study Math courses related to Survey skills	2	Self-Study Math 1,2, Highway Plan Reading, Intro. to Coordinate Systems, Intro. To Coordinate Geometry	Satisfactorily complete NCDOT Self Study Math 1 & 2, Basic Highway Plan Reading Course, Intro. to Coordinate Systems in a minimum of 6 months.
Field Core	8LS2	Application of Non-Survey Related Skills in Survey Operations	All		Includes loading vehicles, stocking supplies, clearing bushes, care and maintenance of non-survey equipment, First Aid skills, etc., as related to survey operations	1	Survey Video, 3-6 months OJT using Mentor with standardized guidelines	Supervisor interview/observation with standardized checklist
Field Core	8LS3	Level I Work Zone Safety	All		Setting up safety signs, proper use of PPE, Flagger Training, basic Work Zone safety issues	1	Safety Videos, Flagger Training, 3-6 months OJT using Mentor with standardized guidelines and familiarization with Unit-identified SOPs.	Supervisor interview/observation with standardized checklist
Field Core	8LS4	Level I Rodman Duties	All		Basic duties of a Rodman, incl measuring with a chain, proper ue of a prism and level rod, pacing, etc.	3	Survey Video, 3-6 months OJT using Mentor with standardized guidelines	Supervisor interview/observation with standardized checklist
Field Core	8LS5	Level II Rodman Duties	All	8LS4	Rodman duties related to specific survey applications such as hydrologic surveys (I.e., measuring culverts, streams, drainage structures), assisting with Court House research, assisting with property corner reconnaissance; Setting up and using GPS	3	Survey Video, 6-12 months OJT using Mentor with standardized guidelines	Supervisor interview/observation with standardized checklist
PDC Core Field AO	8LS6	Level I Computer Usage	All		Basic computer usage; familarization with general computer and handheld calculator applications as associated with NCDOT /specific applications and programs as developed by NCDOT	3	Entry-level Computer classes {Windows(Com 144), Intro to Internet (GIS 200)} and basic handheld calculator/computer applications (TRAV or other in-house/commercial survey programs - manual to be provided)/L&S Prop Surv database. Minimum 6 months OJT using Mentor	Supervisor interview/observation with standardized checklist. Successful completion of required classes. 6 month minimum duration
PDC Core	8LS7	Property Survey Exhibit Preparation	All		Prepare non-CADD exhibits for use by Attorney General's Office in ROW Condemnation proceedings	3	6-12 months OJT using Mentor with standardized guidelines	Supervisor interview/observation with standardized checklist. Prepare 10 exhibits in accordance with the photo exhibit checklist within a 6 month duration with 5 or less errors for each photo exhibit.
Field AO	8LS8	Chainsaw Operation	All		Operate Chainsaw	2	SAF 153 (Chain Saw Safety) or equivalent as available	Successful completion of course