

WSDOT Labor Classifications Title, Description and Qualification

WSDOT Labor Classification Title:	WSDOT Classification Labor Description:	WSDOT Labor Classification Desired Qualifications:
<u>ADMINISTRATIVE ASSISTANT 3</u>	Positions perform varied administrative and secretarial support duties or positions are responsible for one or more major program activities under a second line supervisor.	High school graduation or GED AND Three years of progressively responsible experience in office/clerical, secretarial, bookkeeping, accounting, or general administrative work. OR Formal education will substitute year-for-year for experience.
<u>ADMINISTRATIVE ASSISTANT 5</u>	Principal assistant for administrative matters to a departmental head, agency director, or the head of a major subdivision of a major State agency. Accomplishes varied and complex projects; makes decisions and acts for supervisor in administrative matters.	A Bachelor's degree in related field. Additional qualifying experience may substitute for education on a year-for-year basis.
<u>ARCHITECT 1</u>	Performs professional architectural work in the development of plans and designs for new state owned or leased buildings, structures or facilities and the alteration of existing building structures or facilities.	Registration as an architect in Washington State or in a state having reciprocity with Washington
<u>ARCHITECT 2</u>	As a senior level architect or project lead, performs advance planning, scheduling, coordination, preliminary working drawings, specifications, and cost estimates for new projects as well as planning and coordinating major alterations and improvements to existing buildings and facilities.	Two years of experience as an architect subsequent to WA state registration.
<u>ARCHITECT SUPERVISOR</u>	As an assistant to a higher level architect plans, coordinates and directs a major branch of an architectural office and provides liaison with internal entities and external organizations such as other state agencies and private firms.	Five years of architectural experience, including two years in a supervisory capacity and registration as an architect or architectural engineer.
<u>AUDIT SPECIALIST - DOT 2</u>	Plan and conduct risk based audits and consulting engagements for the agency, and audits private organizations, local governments or non-profits. Plans and conducts assigned engagements or assists higher level auditors.	Aa Bachelor's degree in field AND one year of professional experiences. Professional experience will substitute year for year for education.
<u>AUDIT SPECIALIST - DOT 4</u>	Expert level's role is to direct, supervise, motivate, mentor and counsel staff, working as part of a management team for the agency's Audit Office. Directs or supervises audits and staff to ensure work is done in accordance with applicable professional standards.	A Bachelor's degree in accounting or other related field AND four years of professional auditing experience OR One year as a Transportation Audit Specialist 3.
<u>BRIDGE ENGINEER 1</u>	Performs entry-level professional bridge engineering tasks. Preparing preliminary and complete Computer Aided Drafting (CAD) contract plans utilizing structural detailing CAD software from structural detail sketches provided by bridge design engineers. Utilizes advanced knowledge/ability of software for CAD, spreadsheet, database, and word processor operations. Performs analysis for super load permits.	A Bachelor of Science degree in related field.Two years experience as a Bridge Technician or equivalent. Possession of an Engineer-In-Training certificate will be substituted for education. OR Equivalent education/experience
<u>BRIDGE ENGINEER 3</u>	Perform advanced technical bridge engineering tasks. Performs as a technical lead designer/structural detailer and project coordinator for secondary bridge structural elements;Performs as an engineer responsible for electronic bridge design documentation.	A Bachelor of Science degree in related field plus one year experience as a Bridge Engineer 2 or equivalent. Possession of an Engineer-In-Training certificate will be substituted for education. Equivalent education/experience.

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BRIDGE ENGINEER 5	Performs intricate structural design for complex structures. Performs as a project manager for a complex, large, or multiple bridge project. Performs as a Senior Lead Inspector. Develops and documents structural design computer software. Administers, writes and negotiates contracts for Bridge and Structures Office consultants • Prepares specifications, cost estimates, and construction working day schedules for complex structure.	A Bachelor of Science degree in related field plus one year experience as a Bridge Engineer 4 or equivalent. AND Registration as a professional engineer OR A minimum of 10 years experience as a Bridge Engineer 4, or equivalent
BRIDGE ENGINEER 7	Serves as the technical specialist for complex bridge engineering technical areas. Provides technical assistance in the designated specialty to other design engineers. Prepares technical papers, develops and reviews national bridge engineering specifications and provide expert interpretation of design criteria, procedures and specifications. Evaluates new bridge products in the specialty area. Provides sketches, exhibits, and models for statewide design of bridges and transportation structures.	A Bachelor of Science degree in related field. Registration as a professional engineer. Two years as a Bridge Engineer 5 or one year as a Bridge Engineer 6; or ten years as an architect. Specific licensure (architectural, civil, structural, electrical, or mechanical) required for individual positions may be identified through selective certification.
BRIDGE TECHNICIAN 2	Performs semi-skilled bridge technical tasks such as: coordinate technical data acquisition and maintain supplemental information data files; transfer as-built construction notes to record drawings with manual drafting techniques; perform simple geometric calculations for developing bridge data, develop vertical and horizontal dimensions, etc., related to reports and bridge designs; retrieve and store bridge file records; prepare simple technical drawings.	An Associate degree in Civil Engineering Technology or equivalent OR Completion of an accredited vocational/technical program in Civil Engineering Technology or equivalent OR Graduation from high school or GED equivalent and two years as a Bridge Technician 1, Maintenance Technician 1- Bridge, or Transportation Technician 1 OR Two years experience in computer aided drafting (CAD). Equivalent education/experience.
BUDGET ANALYST 1	Positions in this series perform budget analysis duties in accordance with Generally Accepted Accounting Principles (GAAP) and the Office of Financial Management (OFM) regulations. This series uses and modifies complex computer budget models to make budget projections and allotments in developing and administering an agency's or institution's operating or capital budget.	Bachelor's degree in business, public administration, accounting, economics, or statistics and three to four years of professional experience in budgets, management, or program analysis.
BUDGET ANALYST 3	Positions function as a senior level budget program analyst for an agency or major program of an agency or institution. Positions may also lead other budget, fiscal, or clerical staff involved in budget program analysis requiring broad knowledge of institutional and state accounting and budget procedures. Develops long range capital project and budget plans.	Bachelor's degree in related field and five to six years of professional experience in budgets, management, or program analysis. A Master's degree can substitute for some experience.
CIVIL ENGINEER 2	Prepares rough sketches, designs, specifications, and isometric, perspective working drawings for minor and major projects including roads, bridges, dams, building, towers, fishways, stream improvements, holding ponds, hatcheries, or game pens; Drafts planimetric and topographic maps, as well as other special-use maps; Performs other work as required.	A Bachelor's degree with major study in civil engineering; provided that registration as an engineer-in-training may be substituted for college degree. AND One year of professional civil engineering work, subsequent to required graduation or registration. OR Equivalent education/experience.

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<u>CIVIL ENGINEER 3</u>	Conceives, lays out, designs, and supervises engineering projects and sub-professional engineers in completion of such projects. Examines engineering features of applications or petitions relating to grade crossings and separations, automatic signals, and speed of trains, and prepares draft orders regarding these subjects; prepares engineering appendices to orders prepared by legal section; supervises railroad and railroad scale inspectors;	Registration as a professional engineer AND eight years of professional experience (which may include up to four years of college-level engineering education) and successful completion of sixteen hours of professional licensing exams.
<u>CIVIL ENGINEER 4</u>	Directs and supervises. Assigns engineering projects to sub-units; plans and directs location and legal descriptions; Trains, directs, instructs professional and sub-professional engineers in office procedures, specific laws, rules and regulations, field surveys, drafting of maps, plans, designs, and working drawings; Directs preparation of sketches, designs, working plans, specifications, bid invitations, contract letting, change orders, and reviews and approves contract payments;	Registration as a professional engineer AND eight years of professional experience (which may include up to four years of college-level engineering education) and successful completion of sixteen hours of professional licensing exams.
<u>COMMUNICATIONS CONSULTANT 3</u>	Positions plan, organize, schedule, and carry out informational and/or public relations activities. Determine the need and most appropriate methods and techniques to publicize and promote programs, develop and implement changes for program effectiveness, and resolve complex issues or problems.	Bachelor's degree in related field and three years of writing/editing experience; or equivalent education/experience.
<u>COMMUNICATIONS CONSULTANT 5</u>	Plans, organizes, directs and controls multiple information and/or public relations programs in a State agency/institution. Supervises three or more professional information staff. Advises director and other top management staff on public information policies and issues, including participating in management decision-making process.	A Bachelor's degree in closely allied field AND Four years of professional experience Additional professional experience in information, journalism, or public relations will be substituted, year for year, for education.
<u>COMMUNICATIONS SYSTEMS MANAGER</u>	Provides staff support to the Communications Systems Director, by planning, researching, developing, and maintaining statewide electronics communications system. Oversees the planning, engineering, research, design, installation, and maintenance for statewide electronic communications systems; Prepares project schedules, manpower requirements and cost estimates, and bid requests; Submits performance and progress reports on assigned projects.	A Bachelor's degree in related field AND Four years of experiences. A valid General Radiotelephone Operator license. Additional experience and/or technical training in electronics or related field may be substituted for educational requirements on a year-for-year basis.
<u>CONSTRUCTION PROJECT COORDINATOR 2</u>	Coordinate the construction phase of all building and utility projects, including general, mechanical, and electrical work, from contract award through warranty. Act as the agency's representative and serve as the primary contract administrator for projects administered by the owner.	Bachelor's degree in architecture, naval architecture, engineering or building construction, or marine engineering AND one year of relevant professional experience. OR Equivalent education/experience.

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CONSTRUCTION PROJECT COORDINATOR 3	Coordinate, direct, and review the development of designs and specifications by private design firms for the construction of state buildings and/or vessels. Coordinate and direct the planning, scheduling, project and cost control of complex building and/or vessel construction projects. Develop cost estimates and cost analysis required for budget forecasts, facilities planning, conceptual studies, and bid comparison of projects for design and construction of buildings and/or vessels.	A Bachelor's degree Architecture or in closely allied field; and four years' experience in real property construction as a cost estimator; and certification as a Cost Engineer OR Equivalent education/experience.
CONSTRUCTION PROJECT COORDINATOR 4	This is the supervisory or expert level of the series. Supervises the work of Construction Project Coordinators and/or others involved in major building, vessel or utilities construction projects.	Bachelor's degree in closely allied field AND six years of progressive relevant professional experience.
CONTRACTS SPECIALIST 2	Performs the journey level of professional contract administration work. Arranges for or performs an analysis of proposals for technical requirements and cost factors; requests regulation, policy or procedure changes or, if necessary, obtains special approval to deviate from regulations, policy or procedures; Negotiates with parties to any contract terms.	A Bachelor's degree in closely allied field AND Two years of experience in negotiating, administering or terminating government contracts, contract property management, contract cost or price analyses, or contract compliance administration. Additional qualifying experience may be substituted, year for year, for the education.
CONTRACTS SPECIALIST 3	Serves as a unit supervisor with agency wide responsibility in governmental contract administration; or is the Assistant Contracts Administrator. Aupervises at least three contracts specialists and contracts assistants; resolves issues that arise during the contracting process, Supervises the negotiations, administration and termination of all contracts, agreements, leases and letters of understanding into which the Department may enter.	A Bachelor's degree in closely allied field AND three years of experience in negotiating, administering or terminating government contracts, contract property management, contract cost or price analyses or contract compliance administration. Additional qualifying experience may be substituted, year for year, for the education.
DEPUTY	To assist in the administration and operation of the Division's programs; to perform highly difficult and responsible work of a professional nature in assisting in the coordinating and directing of major activities; Works with wide latitude for the exercise of initiative and independent judgement; work is reviewed through conferences and submitted reports for compliance with departmental policies and objectives, laws, rules and regulations. Plans, organizes, directs, coordinates and evaluates the work of a subordinate divisional.	Evidence of progressively responsible supervisory, managerial, or professional experience which involved management of a program or organization of significant scope and complexity.
DIRECTOR	Responsible for directing the activities of a specific department or departments within an organization. Manages other employees and ensures all business goals and objectives are reached.	A Bachelor Degree in closely related field and five years of experience
DRAFTING TECHNICIAN 2	Prepare moderately complex scaled maps, detailed plans and working drawings from sketches, field notes, or general instructions; may lead other drafting technicians.	Two years of full-time experience or training as a Drafting Technician 2, or equivalent. Equivalent education/experience will substitute for all minimum qualifications except when there are legal requirements, such as a license/certification/registration.

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<u>DRAFTING TECHNICIAN 3</u>	Lead work of assigned drafting personnel and assist in drafting office management. Prepare complex scale maps, detailed plans and working drawings from sketches, field notes, or general instructions.	Three years of full-time experience or training as a Drafting Technician, or equivalent. Equivalent education/experience will substitute for all minimum qualifications except when there are legal requirements, such as a license/certification/registration.
ENGINEER	Plans, develops, coordinates, and directs a large and important project or a number of small projects with many complex features. As individual researcher or worker, carries out complex or novel assignments that require the development of new or improved techniques and procedures. As staff specialist, usually performs as a staff advisor and consultant for a technical specialty, a type of facility or equipment, or a program function.	Bachelor degree in engineering. Certification as an Engineer-In-Training, Professional Engineer registration.
<u>ENGINEERING AIDE 2</u>	Performs various drafting and computing tasks under direct supervision; prepares drawings; details, and plans from old drawings, tracings, and fairly complete sketches, as assigned; computes yardages and other quantities subject to check; may check computations performed by others; drafts rudimentary maps; traces finished maps; calculates and plots graphs, profiles, and other statistical, mathematical or engineering type graphic illustrations; revises construction plans with "as built" corrections; operates, maintains, and repairs blueprint machines;	Two years of experience comparable to Engineering Aide 1. College level course work with major emphasis in engineering may be substituted, year for year, for the required experience.
<u>ENGINEERING AIDE 4</u>	Performs highly-skilled sub-professional engineering work in field and office. Employees in this class are assigned major projects requiring the skills and judgment of the finest Engineering Technicians. Develop major projects from initial concept to completed working drawings and specifications.	Five years of experience applying engineering techniques, one of which must have been at a level comparable to Engineering Aide 3. College-level course work with major emphasis in engineering may be substituted on a year-for-year basis for up to four years of the required experience.
<u>ENGINEERING ASSISTANT 2</u>	Design and develop architectural and/or engineering plans for construction or modification of buildings and facilities. Positions in this class are distinguished by responsibility to design and draft plans for construction. Requires specialized knowledge of architectural, mechanical, electrical or civil engineering techniques and requiring detailed application in three or more of the above mentioned areas.	Two years college or technical school training with emphasis in architectural and engineering disciplines plus four years of experience in drafting and designing related to building construction. Additional experience as an Engineering Technician 1, or equivalent, may substitute, year-for-year, for educational requirements.
<u>ENGINEERING TECHNICIAN 3</u>	Performs complex engineering technician work designing, developing, manufacturing, assembling, installing, calibrating, and repairing instruments, apparatus and equipment within a scientific, instructional or engineering application.	One year of experience as an Engineering Technician 2 OR Five years of experience as an engineering technician. Equivalent education/experience.
<u>ENGINEERING TECHNICIAN LEAD</u>	Lead assigned personnel and perform complex engineering technician work designing, developing, manufacturing, assembling, installing, calibrating, and repairing instruments, apparatus, and equipment within a scientific, instructional or engineering application.	One year of experience as an Engineering Technician 2 OR Five years of experience as an engineering technician. Equivalent education/experience.

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<u>ENGINEERING TECHNICIAN SUPERVISOR</u>	Supervise assigned personnel involved in the design, development and fabrication of various mechanical, electro-mechanical, agricultural, hydraulic, pneumatic, or electronic instruments, apparatus, or equipment. Provide technical support to professional and technical personnel within an engineering, scientific, or instructional application.	One year of experience as an Engineering Technician III or Lead OR Six years of experience as an engineering technician OR equivalent education/experience.
<u>ENVIRONMENTAL ENGINEER 2</u>	Performs the full range of professional environmental engineering duties within an assigned environmental program involving the protection of public health and/or the protection or restoration of the environment. Performs environmental engineering duties for a specific environmental program that include a review of engineering proposals, site plans, engineering reports, plans and specifications, and/or operation and maintenance of environmental systems.	A Master's degree with major study in one of the following engineering fields: sanitary, water resource, civil, geotechnical, environmental, chemical, mechanical, or related field. AND One year of experience in environmental engineering. OR An Engineer-In-Training Certificate or a Bachelor's degree with a major study in one of the following engineering fields: sanitary, civil, geotechnical, water resource, environmental, chemical, mechanical or related field. AND Two years of environmental engineering experience.
<u>ENVIRONMENTAL ENGINEER 4</u>	Prepares, reviews, and negotiates with applicable parties environmental permits, regulatory orders and environmental plans and monitoring programs for assigned program(s); May supervise and plan the work of engineers and/or environmental staff with a unit responsible for assigned Environmental program activities; Prepares and delivers engineering oriented presentations to professional groups and/or the public regarding department programs.	A Master's degree with major study in one of the following engineering fields: sanitary, water resource, civil, geotechnical, environmental, chemical, mechanical, or related field AND Registration as a Professional Engineer and two years of experience in environmental engineering OR An Engineer-In-Training Certificate or a Bachelor's degree.
<u>ENVIRONMENTAL PLANNER 2</u>	This is the journey level of the environmental planner series. Incumbents develop their own planning processes and require incidental supervision, while: Developing environmental resource plans, programs, and/or projects; Review permit applications and provide recommendation for agency action; OR Conducting research of an environmental, economical, financial or natural resources nature.	A Master's degree to closely related field and one year of professional experience in land use, urban, regional, environmental, or natural resource planning, and/or program development or One year of experience as an Environmental Planner 1 and two years of professional experience in land use, urban, regional, environmental, or natural resource planning, and/or program development.
<u>ENVIRONMENTAL PLANNER 5</u>	Serves as a planning consultant to a program manager, assistant director, or higher level manager. Coordinates the development of, and/or implements highly complex environmental resource plans, programs, policies and regulations.	A Master's degree in closely related field AND five years of professional experience in land use, urban, regional, environmental, or natural resource planning, and/or program development. Equivalent education/experience.
<u>ENVIRONMENTAL SPECIALIST 3</u>	Under general direction, independently performs professional level assignments and environmental reviews in one or more of the following areas: 1) Environmental permit development and review; 2) Environmental inspections and/or enforcement activities; 3) Scientific studies, surveys, and/or scientific analyses; 4) Grants, contracts, and loans; 5) Interpretation of policy and environmental technical assistance.	A Bachelor's degree in closely related field and two years of professional level experience in environmental analysis or control or environmental planning. Additional qualifying experience will substitute, year for year, for education. Or A Master's degree in closely related field will substitute for one year of the required experience. OR A Ph.D. in one of the above fields. OR One year of experience as an Environmental Specialist 2.

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<u>ENVIRONMENTAL SPECIALIST 5</u>	Plans, develops, directs and/or implements actions to address the most significant and complex environmental issues impacting the state's natural and environmental resources. Positions focus on strategic intervention, policy and regulatory development and enforcement in order to meet objectives; or serves as the agency environmental regulatory expert advising consultants and developing operational policies, guidelines, and procedures for environmental compliance; or supervises five or more professional environmental staff.	A Bachelor's degree in closely related field and six years of professional level experience in environmental field which includes two years equal to an Environmental Specialist 3 or above. OR A Master's degree and four years of professional- level experience which includes two years equal to an Environmental Specialist 3. OR A Ph.D. in one of the above fields and three years of professional-level experience as required above which includes two years equal to an Environmental Specialist 3 or above. OR One year of experience as an Environmental Specialist 4.
<u>FACILITIES ENGINEER 1</u>	Designs standard electrical, mechanical, civil, structural or architectural projects; Prepares field notes, sketches, engineering calculations, working drawings, and technical specifications; Inspects work in progress to determine conformity to plans and specifications; Collects a variety of engineering-related data, e.g., on engineering costs; fuel, energy, or water consumption; lighting levels; heat gains or losses; machinery efficiency; Visits project sites to become familiar with engineering problems and client needs; Prepares preliminary cost estimates; Prepares instructions and procedures for construction and/or shops personnel; Prepares purchase order specifications for materials and/or equipment.	Bachelor's degree in Engineering.
<u>FACILITIES ENGINEER 4</u>	Initiates engineering studies and prepare reports regarding modification, replacement or improvement of utility systems; Programs and establish project design criteria for construction; analyze; review and guide the work of consultants and of senior engineers through design and construction phases of work; Participates in developing departmental policies and procedures; prepare and update engineering design standards; Acts as project manager or consultant on particularly complex engineering assignments demanding knowledge in specific and related engineering disciplines.	Positions require registration as a Professional Engineer with the State of Washington and two years of experience at the senior engineer level.
<u>FACILITIES PLANNER 1</u>	Assemble and analyze planning data, prepare reports, and assist with preparation of facility master plans. Conduct complete planning studies for projects of limited scope and complexity and/or perform planning analysis for portions of larger scale projects with more complex planning or regulatory requirements under the direction of higher level staff.	A Bachelor's Degree in planning, architecture, or related field and two years of professional planning experience, or a Master's Degree in one of the above fields and one year of professional planning experience, or equivalent.
<u>FACILITIES PLANNER 2</u>	Assists in all phases of planning the development, acquisition, modification, and expansion of structures and related facilities. Assists local governmental officials in analyzing facilities needs and in developing related workable programs through review of agency requests for capital expansion or modification; Maintains close liaison with contractual arrangements, architectural and engineering aspects, construction progress and relates factors relative to facilities planning.	A Bachelor's degree in closely allied field AND minimum of three years experience in governmental facilities planning work or in related fields. Additional qualifying experience may be substituted, year for year, for education. OR Equivalent education/experience.

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<u>FISCAL ANALYST 3</u>	Lead fiscal related professional staff conducting financial reviews and analysis of fiscal data, grants or contracts in accordance with GAAP, statutes or regulations. Positions can also coordinate and direct cash flows or investment activities of an agency.	Bachelor's degree and two to three years of relevant professional experience. Professional experience may substitute for education.
<u>FISCAL ANALYST 5</u>	Responsible for an entire agency's fiscal operations. Report to the divisional level in the agency. Functions as the highest agency statewide expert in a financial specialty area; Functions as a second line Fiscal Supervisor over a fiscal related supervisor with fiscal related professional staff; Plans, organizes, supervises and conducts the accounting, budgeting, and business activities for a higher education institution.	Bachelor's degree and four to five years of relevant professional experience. Professional experience may substitute for education.
<u>HUMAN RESOURCE CONSULTANT 3</u>	Serves as senior level human resource consultant/advisor. Performs professional level human resource assignments in one or more areas of the human resource function such as classification, compensation, benefits, recruitment and selection, affirmative action and equal employment opportunity, reasonable accommodation, training, organizational development, and/or labor relations.	A Bachelor's degree in human resources or related field AND two years of professional human resource experience. OR Equivalent education/experience.
<u>HUMAN RESOURCE CONSULTANT 4</u>	Serves as an assigned professional expert in one or more functional human resource areas; or supervises professional or other human resource staff members.	A Bachelor's degree in human resources or related field AND three years of broad-based professional human resource experience OR Equivalent education/experience.
<u>INTERIOR DESIGNER</u>	Positions in this class are distinguished by responsibility to design, plan, and coordinate the decor and furnishing of interior spaces for college buildings and facilities. Schedule and coordinate the preparation of building interiors and installation of decoration, including furnishings, drapes, floor coverings, paint, hardware, heating conductors, and lighting; Perform related duties as required.	Bachelor degree in interior design, architecture, or allied field and one year of experience in professional interior design work. Additional experience in professional interior design work may substitute, year-for-year, for educational requirements. Equivalent education/experience will substitute for all minimum qualifications except when there are legal requirements, such as a license/certification/registration.
<u>IT SPECIALIST 3</u>	Performs consulting, designing, programming, installation, maintenance, quality assurance, troubleshooting and/or technical support for applications, hardware and software products, databases, database management systems, support products, network infrastructure equipment, or telecommunications infrastructure, software or hardware. Uses established work procedures and innovative approaches to complete assignments and coordinate projects.	High School diploma or GED and four years of experience.

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<u>LAND SURVEY 2</u>	Performs journey level land survey work in office or field. Performs calculations from survey field notes, deeds, and other survey data; supervises the drafting, checking, filing and distribution of maps prepared that depict the results of the field surveys; interprets field data, recorded surveys, deeds, and original government surveys to determine the legal method for the subdivision of land in accordance with federal and state rules and procedures; supervises land survey office technicians; provides advice and information to surveyors and the public on land survey laws, survey information and sources of information; prepares legal descriptions; Performs related work as required.	Four years of experience performing land survey work, including two years as a skilled land survey technician at Engineering Aide 3, equivalent or higher level such as instrument technician, skilled drafter/computer or survey records researcher/analyst. Four years of college work with major emphasis in engineering, forestry or other curriculum which contained courses in land surveying may be substituted for two years of general land survey experience. OR Certification as a registered Land-Surveyor-In-Training. OR Equivalent education/experience.
<u>LAND SURVEY 3</u>	Performs licensed professional land survey work as a section manager or staff specialist. Supervises the State Land Survey Unit of the Land Survey Section; coordinates unusually critical or complex projects, which usually involve the use of electronic measuring instruments, and a large party; coordinates the work of several survey parties, statewide survey contracts, and a technical office support staff in the accomplishment of control surveys, calculations, and related mapping and digital data entry into the GIS to establish and maintain state property boundaries and corners; assists the regions and program managers with development of long-range survey plans, budget needs, technical standards, procedures, and training needs;	Licensed as land surveyor in the State of Washington.
<u>MARINE DESIGNER</u>	Prepares skilled sub-professional designs and estimates in the areas of mechanical, electrical or hull specialities for Washington State Ferry vessels.	Seven years of experience which include design and development of working drawings for ship conversion, modification, repair and new construction. Equivalent education/experience.
<u>MARINE ENGINEER</u>	Performs professional marine engineering and project management functions.	Certification as an Engineer-in-Training AND one of the following: A Bachelor's degree in related field and two years of experience as Professional Engineer.
<u>MARINE MECHANICAL ENGINEER</u>	Performs professional mechanical and/or hydraulic engineering work for ferry terminals and facilities projects. Responsible for the mechanical designs and stamps engineering drawings, specifications and reports.	Two years current experience as a practicing registered professional engineer in the branch of mechanical engineering working in the field of hydraulic systems.
<u>MARINE PROJECT ENGINEER</u>	Supervises a marine engineer design team responsible for the design of marine terminals and seals with a professional engineer's stamp the engineering work of self or the design team.	Professional registration as a Civil Engineer. AND two years of experience performing design work as a lead engineer on project teams.
<u>MECHANICAL ENGINEER</u>	Prepares rough sketches, designs, specifications, and working drawings for minor and major building projects. Checks drawings and makes cost estimates of mechanical systems; Makes independent surveys covering installation, repair, or recommended improvements to mechanical systems; Supervises engineers, engineering aides, or job inspectors, as directed; Performs other work as required.	A Bachelor's degree involving major study in mechanical engineering AND One year of professional mechanical engineering experience Registration as engineer-in-training may be substituted for education.

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<u>MECHANICAL ENGINEER SENIOR</u>	Serves as a senior-level mechanical engineering specialist. Provides mechanical engineering services and advice to other professional engineering or architectural personnel within the work unit; designs or reviews the design of other professional mechanical engineers for HVAC systems, refrigeration, plumbing, power houses and other mechanical appurtenances to State facilities; May direct other professional engineers; Performs other work as required.	Registration as a professional engineer in the branch of mechanical engineering in the State of Washington or another state based on registration requirements equivalent to those in Washington.
<u>NAVAL ARCHITECT 1</u>	Serves in a professional capacity on vessel engineering projects requiring design, specifications, and estimates.	A Bachelor's degree in naval architecture or related field AND Three years of professional experience. Additional years of qualifying experience will substitute, year for year, for the required education. Professional registration as an engineer.
<u>NAVAL ARCHITECT 2</u>	Prepares the most difficult and critical design, specifications, and estimates for marine engineering projects involving vessel construction and refurbishment.	Professional registration engineering AND One year of professional experience in the marine engineering or naval architectural field performing vessel structures or systems design, or as a shipyard project inspector. Equivalent education/experience.
<u>PROPERTY & ACQUISITION SPECIALIST 4</u>	Perform specialized and complex duties in real estate services, project management, appraisals, audits, and/or land pricing and funding. Conducting real estate acquisitions requiring review, analyses, and alternatives; negotiating and concluding land transactions and exchanges for purchase, lease, or rental; conducting appraisals and/or audits of major utilities or large and diversified manufacturing and industrial properties where built in components constitutes a large part of the total property value; determining the tax status of major non-profit organizations; and/or determining funds for acquisition, purchase or lease.	Bachelor's degree involving major study in business or related field AND two years of experience appraising real estate and negotiating ownership transactions or auditing and/or appraising commercial and light industrial real or personal property.
<u>SENIOR GRAPHIC DESIGNER</u>	Positions have responsibility for the design and production of all graphic design projects and for supervising graphics staff. Positions perform administrative functions such as establishing program goals and priorities, developing and implementing graphic design policies and standards, and managing the graphic program budget.	Bachelor's Degree in graphics design or related field AND three years of experience as a Graphic Designer, including one year of lead experience. OR Equivalent education/experience.
<u>SENIOR TELECOMMUNICATIONS SPECIALIST</u>	Responsible for digital and analog telecommunication equipment and networks for an assigned geographic area. Coordinates field activities and assists telecommunication engineers in the overall operation of statewide telecommunication systems. Provides training to agency personnel and user customers. Performs the duties of an Electronic Communications Systems Technician – Field. May supervise or lead technical staff.	Two years of experience an Electronic Communications Systems Technician - Field. Education will substitute year for year for experience.

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<u>TRANSPORTATION ENGINEER 2</u>	Work at this level is characterized by the independent application of standard engineering procedures and techniques to accomplish a wide variety of work in the office, laboratory, and/or field. Incumbents generally serve as full production staff or crew leaders. Work is assigned through general instructions and the setting of deadlines by a supervisor who engages in ongoing spot-check review, provides assistance when problems are encountered and reviews completed work. This role may include the leadership of technical support staff and entry level engineers such that incumbents are called upon to direct and train staff.	Bachelor degree in engineering. Certification as an Engineer-In-Training and one year of experience OR Two years of experience OR A Master's degree in closely related field.
<u>TRANSPORTATION ENGINEER 3</u>	At this level, incumbents are generally placed in charge of a major project or functional area which is characterized by supervising several support staff or serve as a staff specialist in a complex area of limited scope. Assignments require judgments in selecting and adapting techniques to solve transportation problems. Incumbents may represent the Department at public meetings, open houses, to local agencies, contractors, consultants, etc., for specific projects.	Bachelor degree in engineering. One year of experience as a Transportation Engineer 2 or equivalent and successful completion of the Entry Management Core Program (ED&TD, AA).
<u>TRANSPORTATION ENGINEER 4</u>	Assignments entail responsibility for functions of significant scope and complexity. Incumbents apply specialized training, broad experience, and professional judgment in analysis and decision making to resolve complex engineering problems. Work is performed independently and is reviewed for the application of sound engineering judgment. Incumbents usually exercise supervision over a unit of engineers and technicians or serve as consultants in a specialty area having significant impact. Incumbents may be called upon regularly to act for their supervisor who is a licensed professional engineer.	Bachelor degree in engineering. One year of experience as a Transportation Engineer 3 or equivalent and successful completion of the Entry Management Core Program (ED&TD, AA). OR A Master's degree in closely related field.
<u>TRANSPORTATION ENGINEER 5</u>	Assignments involve independent responsibility for organizing, directing and coordinating professional engineering activities of considerable scope and complexity. Supervision is consulted on critical issues, policy matters, and unusual problems. Responsible charge of a complex engineering unit or function including supervision of at least one Transportation Engineer 4 or equivalent. Statewide specialist in a complex technical area which constitutes the senior level practice of professional engineering.	Professional registration as a Civil Engineer and one year of experience as a Transportation Engineer 4 or equivalent.
<u>TRANSPORTATION ENGINEER INTERN</u>	Assists in a variety of transportation engineering activities by performing beginning level engineering tasks under direct supervision.	Completion of at least two semesters or equivalent of study in an engineering curriculum at an accredited college, university, or community college. OR Equivalent education/experience.

WSDOT Labor Classifications Title, Description and Qualification

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<u>TRANSPORTATION PLANNING SPECIALIST 1</u>	Performs beginning level professional transportation planning duties. Assists higher level Transportation Planning Specialists by performing specific assignments that are normally well-defined segments of broad planning activities research studies or studies relating to specific disciplinary areas dealing with the transportation system. The employee in this class performs specific assignments in the investigation and accumulation of background information, the review, adjustment and correlation of data, the application of standard techniques and procedures, report writing, and development of projects at different phases.	A Bachelor's degree involving major study in transportation or equivalent and one year of professional transportation experience involving analysis and evaluation of transportation issues and problems.
<u>TRANSPORTATION PLANNING SPECIALIST 3</u>	Independently conducts complete planning assignments involving one or more transportation modes and/or one problem area and/or a single discipline under limited supervision. Assignments may involve supervising and training lower level personnel and/or performing as a project team leader on assigned projects.	A Bachelor's degree involving major study in transportation or equivalent and three years' professional transportation experience involving analysis and evaluation of transportation issues and problems OR One year as a Transportation Planning Specialist 2 or equivalent classification in city or county agencies. Equivalent education/experience.
<u>TRANSPORTATION PLANNING SPECIALIST 5</u>	Supervises a functional organization responsible for ongoing programs. Performs as a consulting expert with assignments regarding Statewide application involving total systems or programs, applying one or more disciplines, with responsibility for several significant transportation problem areas.	A Bachelor's degree involving major study in transportation or equivalent and five years' professional transportation experience involving analysis and evaluation of transportation issues and problems OR One year as a Transportation Planning Specialist 4 or equivalent classification in city or county agencies. Equivalent education/experience.
<u>TRANSPORTATION PLANNING TECHNICIAN 1</u>	In a training capacity and under close supervision, planning technicians at this level perform planning duties involving collection, classification and summarization of data for various transportation studies.	Graduation from high school or satisfactory completion of GED. Equivalent education/experience.
<u>TRANSPORTATION PLANNING TECHNICIAN 2</u>	Performs semiskilled technical duties in transportation planning involving the classification and summarization of various types of field information for data bank retention for further analysis by others. In a field crew configuration, performs as the assistant to the team leader. Summarize and analyze road usage data necessary for the design, construction and maintenance of the state transportation system.	One year of experience as Transportation Planning Technician 1 or equivalent classification. OR An Associate degree in civil engineering technology or other closely related field.
<u>TRANSPORTATION PLANNING TECHNICIAN 3</u>	Under general direction, performs skilled technical duties in the field involving routine analysis of planning data or leading data collection teams; or in the office performs classification, summarization and routine analysis of planning data.	Three years as a Transportation Planning Technician 2 or equivalent classification. OR An Associate degree in civil engineering technology or equivalent. Experience may substitute year for year for education.

WSDOT Labor Classifications Title, Description and Qualification

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TRANSPORTATION REGIONAL ADMINISTRATOR	Accountable for the delivery of all Planning/Design/Bid/Build projects. Provide direction and guidance, through subordinate supervisors in strategic planning, quality management, and team building to ensure continuous review and improvement of motor carrier safety programs. Provide expertise on field operational and/or program delivery matters. Participates in, or chairs, task forces/workgroups which are created to address significant program or regulatory issues, having national implications	Evidence of progressively responsible supervisory, managerial, or professional experience which involved management of a program or organization of significant scope and complexity.
TRANSPORTATION TECHNICAL ENGINEER	Assignments at this level require a highly developed knowledge of technical engineering practices and departmental policies, procedures and standards. Incumbents report to a Transportation Supervising Engineer, equivalent or above and exercise considerable independence of action in decision making and problem solving.	One year of experience as a Transportation Engineer 4 or equivalent OR Three years of experience as a Transportation Engineer 3 or equivalent.
TRANSPORTATION TECHNICIAN 1	Perform a variety of basic, simple and/or repetitive technical support activities in the office, laboratory and/or field. Perform a broad range of routine technical engineering duties with only spot-check supervision.	Graduation from high school or GED equivalent.
TRANSPORTATION TECHNICIAN 3	Perform skilled technical tasks in support of engineering projects and programs. May act as crew leader on specific assignments that do not require ongoing direction from a supervisor.	Two years of experience performing semi-skilled technical engineering work as a Transportation Technician 2 or equivalent. OR A Bachelor's degree in Engineering. OR Certification as an Engineer-in-Training. OR A Land Surveyor's license.
VESSEL PROJECT ENGINEER	Manages construction, reconstruction, renovation and overhaul projects for Washington State Ferry vessels at contractor facilities for the Marine Capital Construction Program. Acts as technical design coordinator during the contract design phase. Acts as on-site construction contract manager during the shipyard construction phase.	A Bachelor's degree in Naval Architecture or allied field and five years of experience managing the planning and execution of repair, overhaul, or renovation of steam or motor vessels. Equivalent education/experience/license.
Other/WSDOT Pre-Approved:	A classification that describes an individual with a recognized expertise in a specialized discipline of engineering or related field that is not covered by any other classification/definition. The proposed individual in this classification may or may not have a degree, but must meet the accepted industry standard for education, registration or certification in the specialized field. Firms using this category, must provide a definition of duties to be performed and/or independent justification outlining industry standards and hourly rates for the specialization. Firms must receive pre-approval from the WSDOT PM and ACL before submitting this classification in an initial cost proposal and will be approved only in very rare circumstances.	Must be provided with the proposed definitions.