

## TRW's PES Labor Category Qualifications

Labor Category	Description
1 Senior Manager	Requires a Bachelor's degree in computer science, engineering, mathematics, business, management, or equivalent with 20 years experience, of which a minimum of 10 years must be specialized in managing projects, contracts, funds and resources.
2 Project Manager	Requires a Bachelor's degree in computer science, engineering, mathematics, business, management, or equivalent with 15 years experience, of which a minimum of 6 years must be specialized in managing projects, contracts, funds and resources.
3 Support Program Director	Requires a Bachelor's degree and 13 years of progressively more responsible experience in systems support and management. Manages and directs the daily tasks required to perform ongoing support and operations/maintenance activities. Interfaces with government management personnel, contract managers, and customer agency representatives. Develops and enforces work standards, assigns contractor schedules, reviews work quality, communicates goals, objectives, and policies of the organization to subordinates. Provides leadership for the project team, coordinates with the functional organizations—HR, finance, contracts and pricing and supervises senior managers within the project organization. Manages multiple, large task orders ensuring conformance to task specifications and contract provisions. Directs, oversees, and controls a team of multidisciplinary personnel to accomplish the overall management of the contract.
4 Deputy Support Program Director	Requires a Bachelor's degree and 9 years of progressively more responsible experience in systems support and management. Manages and directs the daily tasks required to perform ongoing support and operations/maintenance activities. Interfaces with government management personnel, contract managers, and customer agency representatives. Assists with developing and enforcing work standards, assigning contractor schedules, reviewing work quality, communicating goals, objectives and policies of the organization to subordinates. Supports the leadership of the project team, coordinates with the functional organizations HR, finance, contracts and pricing and supervises senior managers within the project organization. Manages single, large task orders or multiple small task orders ensuring conformance to task specifications and contract provisions. Provides expertise to conduct investigations and studies, and presents recommendations and solutions related to short- and long-range program planning requirements. Classifies and summarizes data for preparation and submission of reports on a recurring basis. Can serve as the Support Program Director in the absence of the Program Director.
5 Support Program Manager	Requires a Bachelor's degree and 6 years of progressively more responsible experience in systems support and management. Manages one or more small task orders in the following areas: performance of the assigned task or task area including cost, schedule, and technical performance. Provides leadership to the task team. Manages and directs the daily tasks required to perform ongoing support and operations/maintenance activities. Interfaces with the customer for a task area, and manages the overall task. Directs, oversees, and controls a team of multidisciplinary personnel to accomplish engineering activities of the separate task areas.
6 Technical Program Manager	Requires a Bachelor's degree and 10 years experience (or equivalent combination of education and experience). Relevant experience includes, but is not limited to, experience in managing projects, contracts, funds, and resources. Duties may include contract management, large project management, and interface with the customer.

## TRW's PES Labor Category Qualifications (Continued)

Labor Category	Description
7 Technical Manager	Requires a Bachelor's degree and 7 years experience (or equivalent combination of education and experience). Relevant experience includes, but is not limited to, progressive hardware/software development experience and management of contracts. Duties may include managing technical areas of projects and serving as the focal point for questions about projects.
8 Strategic Planner	Requires a Bachelor's degree with 15 years experience of which a minimum of 6 years must be specialized in strategic planning, process re-engineering, functional requirements development, or organizational redesign.
9 Senior Quality Assurance Specialist	Requires a Bachelors degree and 6 years of experience of which a minimum of 4 years of experience must involve the development, inspection, or certification of quality assurance standards, requirements, and procedures for engineering systems or processes.
10 Quality Assurance Specialist	Requires a Bachelors degree and 2 years of experience of which a minimum of 1 year of experience must involve the development, inspection, or certification of quality assurance standards, requirements, and procedures for engineering systems or processes.
11 Systems Technologist I	Requires a Bachelor's degree in engineering, physics, mathematics, computer science or related technical discipline and 17 years of experience of which a minimum of 10 years must involve the analysis, development or deployment of advanced technologies within a multidisciplinary systems environment.
12 Systems Technologist II	Requires a Bachelor's degree in engineering, physics, mathematics, computer science or related technical discipline and 12 years of experience of which a minimum of 7 years must involve the analysis, development or deployment of advanced technologies within a multidisciplinary systems environment.
13 Systems Technologist III	Requires a Bachelor's degree in engineering, physics, mathematics, computer science or related technical discipline and 9 years of experience of which a minimum of 4 years must involve the analysis, development or deployment of advanced technologies within a multidisciplinary systems environment.
14 Systems Technologist IV	Requires a Bachelor's degree in engineering, physics, mathematics, computer science or related technical discipline and 6 years of experience of which a minimum of 2 years must involve the analysis, development or deployment of advanced technologies within a multidisciplinary systems environment.
15 Systems Technologist V	Requires a Bachelor's degree in engineering, physics, mathematics, computer science or related technical discipline and 4 years of experience of which a minimum of 1 year must involve the analysis, development or deployment of advanced technologies within a multidisciplinary systems environment.
16 Senior Functional Analyst	Requires a Bachelor's degree with 15 years experience of which a minimum of 6 years must be specialized in systems design and analysis, functional requirements analysis, or modeling.
17 Functional Analyst	Requires a Bachelor's degree with 10 years experience of which a minimum of 4 years must be specialized in systems design and analysis, functional requirements analysis, or modeling.
18 Associate Functional Analyst	Requires a Bachelor's degree with 3 years experience of which a minimum of 1 year must be specialized in systems design and analysis, functional requirements analysis, or modeling.
19 Technical Analyst I	Requires a Master's degree and 10 years experience. Relevant experience includes, but is not limited to, extensive knowledge of analytical techniques, experience in gathering data to solve complex technical problems (e.g., requirements definition, operations research, modeling), and team leader responsibilities. Duties may include analysis of complex problems, definition of functional requirements, operations research, modeling, process analysis and design, developing and providing training materials, and providing daily supervision.
20 Technical Analyst II	Requires a Bachelor's degree and 10 years experience. Relevant experience includes, but is not limited to, substantial knowledge of analytical techniques, experience in gathering data to solve complex technical problems (e.g., requirements definition, operations research, modeling), and team leader responsibilities. Duties may include analysis of complex problems, definition of functional

## TRW's PES Labor Category Qualifications (Continued)

Labor Category	Description
21 Technical Analyst III	Requires a Bachelor's degree and 5 years experience. Relevant experience includes, but is not limited to, knowledge of analytical techniques, experience in gathering data to solve complex technical problems (e.g., requirements definition, operations research, modeling), and team leader responsibilities. Duties may include analysis of complex problems, definition of functional requirements, operations research, modeling, process analysis and design, developing and providing training materials, and providing daily supervision.
22 Technical Analyst IV	Requires a Bachelor's degree and 2 years experience. Relevant experience includes, but is not limited to, knowledge of analytical techniques and experience in gathering data to solve complex technical problems (e.g., requirements definition, operations research, modeling). Duties may include analysis of complex problems, definition of functional requirements and developing and providing training materials.
23 Technical Support Analyst	Requires a Bachelor's degree and experience with the analysis of technical problems and definition of requirements. Works under the guidance of a more senior leader or manager.
24 Senior Hardware Systems Engineer	Requires a Bachelor's degree in engineering, physics, computer science, or equivalent with 10 years experience of which a minimum of 4 years must be specialized in the design, integration, and installation of hardware systems.
25 Hardware Systems Engineer	Requires a Bachelor's degree in engineering, physics, computer science, or equivalent with 5 years experience of which a minimum of 2 years must be specialized in the design, integration, and installation of hardware systems.
26 Junior Hardware Systems Engineer	Requires a Bachelor's degree in engineering, physics, computer science, or equivalent with training in the design, integration, and installation of hardware systems.
27 Senior Systems Engineer/Architect	Requires a Bachelor's degree and 15 years experience (or equivalent combination of education and experience). Relevant experience includes, but is not limited to, supervisory experience, expert knowledge of system analysis and design methodologies and tools, and experience with large and complex systems. Duties may include performing, leading, and coordinating the analysis and design of system architectures to include software, hardware, and communications and system development, integration, and migration.
28 Systems Engineer/Architect	Requires a Bachelor's degree and 7 years experience (or equivalent combination of education and experience). Relevant experience includes, but is not limited to, knowledge of system analysis and design methodologies and tools, and experience with large and complex systems. Duties may include performing and sometimes leading architecture analysis and design; system development, integration, and migration.
29 Principal Hardware Architect	Requires a Bachelor's degree in engineering, physics, computer science, or equivalent with 15 years experience of which a minimum of 6 years must be specialized in the architectural design and systems integration of hardware systems including requirements analysis, site surveys, and hardware installation.
30 Principal Software Architect	Requires a Bachelor's degree in computer science, engineering, mathematics or equivalent with 15 years experience of which a minimum of 6 years must be specialized in software requirements analysis, design analysis, programming, integration, documentation, and test and evaluation.
31 Senior Software Developer	Requires a Bachelor's degree in computer science, engineering, mathematics or equivalent with 10 years experience of which a minimum of 4 years must be specialized in software requirements analysis, design analysis, programming, integration, documentation, or test and evaluation.

## TRW's PES Labor Category Qualifications (Continued)

Labor Category	Description
32 Software Developer	Requires a Bachelor's degree in computer science, engineering, mathematics or equivalent with 5 years experience of which a minimum of 2 years must be specialized in software requirements analysis, design analysis, programming, integration, documentation, or test and evaluation.
33 Junior Software Developer	Requires a Bachelor's degree in computer science, engineering, mathematics or equivalent with training in software requirements analysis, design analysis, programming, integration, documentation, or test and evaluation.
34 Senior Database Developer	Requires a Bachelor's degree with 10 years experience of which a minimum of 4 years must be specialized in database development and administration.
35 Database Developer	Requires a Bachelor's degree with 5 years experience of which a minimum of 2 years must be specialized in database development administration.
36 Junior Database Developer	Requires a Bachelor's degree with training in database development and administration.
37 Principal Communications Architect	Requires a Bachelor's degree in engineering, physics, computer science, or equivalent with 15 years experience of which a minimum of 6 years must be specialized in the architectural design and systems integration of advanced data or voice communication systems.
38 Senior Communications Engineer	Requires a Bachelor's degree in engineering, physics, computer science, or equivalent with 10 years experience of which a minimum of 4 years must be specialized in the design, integration, or operation of advanced data or voice communication systems.
39 Communications Engineer	Requires a Bachelor's degree in engineering, physics, computer science, or equivalent with 5 years experience of which a minimum of 2 years must be specialized in the design, integration, or operation of advanced data or voice communication systems.
40 Junior Communications Engineer	Requires a Bachelor's degree in engineering, physics, computer science, or equivalent with training in the design, integration, or operation of advanced data or voice communication systems.
41 Senior Mathematician	Requires a Bachelor's degree in mathematics or related technical discipline and 8 years of experience of which a minimum of 5 years must involve the mathematical analysis, modeling, or statistical treatment of data sets or analytic representations of engineering or management systems.
42 Mathematician	Requires a Bachelor's degree in mathematics or related technical discipline and 3 years of experience of which a minimum of 2 years must involve the mathematical analysis, modeling, or statistical treatment of data sets or analytic representations of engineering or management systems.
43 Junior Mathematician	Requires a Bachelor's degree in mathematics or related technical discipline and familiarity with the mathematical analysis, modeling, or statistical treatment of data sets or analytic representations of engineering or management systems.
44 Senior Naval Architect	Requires a Bachelor of Science degree in Naval Architecture, Marine Engineering, Ocean Engineering or equivalent and 15 years of experience of which a minimum of 8 years must involve design and analysis of the hydrodynamic aspects of ship design with specific expertise in the areas of propulsion, maneuvering or seakeeping.
45 Naval Architect	Requires a Bachelor of Science degree in Naval Architecture, Marine Engineering, Ocean Engineering or equivalent and 7 years of experience of which a minimum of 4 years must involve design and analysis of the hydrodynamic aspects of ship design with specific expertise in the areas of propulsion, maneuvering or seakeeping.
46 Junior Naval Architect	Requires a Bachelor of Science degree in Naval Architecture, Marine Engineering, Ocean Engineering or equivalent and knowledge of ships and related operational systems.
47 Principal Information Technologist	Requires a Bachelor's degree in computer science, engineering, mathematics, or equivalent with 12 years experience of which a minimum of 5 years must be specialized in the architectural design and systems integration of advanced information technology systems.

## TRW's PES Labor Category Qualifications (Continued)

Labor Category	Description
48 Senior Information Technologist	Requires a Bachelor's degree in computer science, engineering, mathematics, or equivalent with 7 years experience of which a minimum of 3 years must be specialized in the design, integration, or operation of advanced information technology systems.
49 Information Technologist	Requires a Bachelor's degree in computer science, engineering, mathematics, or equivalent with 3 years experience of which a minimum of 1 year must be specialized in the design, integration, or operation of advanced information technology systems.
50 Junior Information Technologist	Requires a Bachelor's degree in computer science, engineering, mathematics, or equivalent with training in the design, integration, or operation of advanced information technology systems.
51 Senior Economic Analyst	Requires a Bachelor's degree in finance, accounting, business or equivalent with 10 years experience of which a minimum of 4 years must be specialized in financial analysis of government or commercial programs.
52 Economic Analyst	Requires a Bachelor's degree in finance, accounting, business or equivalent with 5 years experience of which a minimum of 2 years must be specialized in financial analysis of government or commercial programs.
53 Junior Economic Analyst	Requires a Bachelor's degree in finance, accounting, business or equivalent.
54 Senior Training Manager	Requires a Bachelor's degree in management, training, education or equivalent with 15 years experience of which a minimum of 6 years must be specialized in managing the design, development, and delivery of training products and services.
55 Senior Instructor	Requires a Bachelor's degree in education, training or equivalent with 10 years experience of which a minimum of 4 years must be specialized in the delivery of training instruction and services.
56 Instructor	Requires a Bachelor's degree in education, training or equivalent with 3 years experience of which a minimum of 1 year must be specialized in the delivery of training instruction and services.
57 Senior Technical Writer	Requires an Associate's degree and 8 years experience in the preparation of written instructions, procedures, reports, minutes, hardware/software descriptions, and other technical documentation in accordance with applicable regulations and new releases of technical material. Experienced in applying word processing techniques to technical or scientific subject matter.
58 Technical Writer	Requires an Associate's degree. Capable of preparing written instructions, procedures, reports, minutes, hardware/software descriptions, and other technical documentation in accordance with applicable regulations and new releases of technical material. Experienced in applying word processing techniques to technical or scientific subject matter.
59 Senior Documentation Specialist	Requires an Associate's degree and 5 years of experience of which a minimum of 2 years of experience must involve the development, production, or configuration control of engineering or management reports and publications.
60 Documentation Specialist	Requires an Associate's degree and familiarity with the development, production, or configuration control of engineering or management reports and publications.
61 Category Deleted	N/A
62 Category Deleted	N/A

## TRW's PES Labor Category Qualifications (Continued)

Labor Category	Description
63 Principal Business Specialist	Requires a Bachelor's degree and 17 years of experience in performing business operations analysis, program control, or contract administration for government or commercial programs.
64 Senior Business Specialist	Requires a Bachelor's degree and 12 years of experience in performing business operations analysis, program control, or contract administration for government or commercial programs.
65 Business Specialist	Requires a Bachelor's degree and 6 years of experience in performing business operations analysis, program control, or contract administration for government or commercial programs.
66 Business Support Specialist	Requires a Bachelor's degree and at least 6 months of experience or training in operations analysis, program control, or contract administration.
67 Senior Project Control Analyst	Requires a Bachelor's degree and 4 years of experience applying the theories, principles, and practices of financial management, including time value analysis, cash flow analysis, and cost/benefit analysis. Prepares the financial forecasts and other financial reporting. Establishes good business practices and ensures compliance with policies and procedures. Conducts investigations and studies, and presents recommendations and solutions related to program administration and planning requirements. Develops and submits reports on a recurring basis. Familiar with the Government appropriation process. Experienced in conducting quantitative analysis using operations research tools, economics, and other quantitative techniques.
68 Project Control Analyst	Requires an Associate's degree and 3 years of direct or related experience applying the theories, principles and practices of financial management, including time value analysis, cash flow analysis, and cost/benefit analysis. Assists in and/or prepares the financial forecasts and other project control reporting. Assists and/or establishes good business practices and ensures compliance with policies and procedures. Assists with conducting investigations and studies, and presents recommendations and solutions related to program planning requirements. Assists with preparation and submission of reports on a recurring basis. Familiar with the Government appropriation process. Assists with conducting quantitative analysis using operations research tools, economics, and other quantitative techniques.
69 Associate Project Control Analyst	Requires a high school diploma and 2 years of direct or related experience performing one or more of the following tasks: Produces data to develop financial forecasts and other financial reporting. Assists with preparation of financial forecasts and other financial reporting. Assists with conducting investigations related to program planning requirements. Assists with preparation and submission of reports on a recurring basis.
70 Senior Administrative Specialist	Requires an Associate's degree and 8 years of experience in providing administrative and management support functions.
71 Administrative Specialist	Requires an Associate's degree and 3 years of experience in providing administrative and management support functions.
72 Junior Administrative Specialist	Requires an Associate's degree and familiarity with normal administrative and management support practices.
73 Senior Clerical Specialist	Requires a high school degree and 6 years of experience in providing administrative or office support functions.
74 Clerical Specialist	Requires a high school degree and 3 years of experience in providing administrative or office support functions.
75 Junior Clerical Specialist	Requires a high school degree and familiarity with normal administrative and office support practices.

## TRW's PES Labor Category Qualifications (Continued)

Labor Category	Description
76 Senior Development Program Director	Requires a Bachelor's degree and 12 years of progressively more responsible experience in directing and managing system development. Duties may include technical leadership, planning and implementation, risk management, contracts management, procurement, and cost control. Develops and enforces work standards, reviews work quality, provides quality assurance and configuration management, assigns contractor schedules, and communicates goals, objectives, and policies of the organization to subordinates. Oversees financial management and administrative activities, such as budgeting, financial reporting, and manpower and resource planning. Performs complex evaluations of existing procedures, processes, techniques, models, and/or systems relating to management problems or contractual issues that require reports and recommended solutions. Supervises and directs staff on a daily basis. Experience in project development life cycle, from inception to deployment, with an ability to provide guidance and direction in the tasks is required.
77 Development Program Director	Requires a Bachelor's degree and 9 years of progressively more responsible experience in directing and managing system development. Duties may include technical leadership, planning and implementation, risk management, contracts management, procurement, and cost control. Develops and enforces work standards, reviews work quality, provides quality assurance and configuration management, assigns contractor schedules, and communicates goals, objectives, and policies of the organization to subordinates. Oversees financial management and administrative activities, such as budgeting, financial reporting, and manpower and resource planning. Performs complex evaluations of existing procedures, processes, techniques, models, and/or systems relating to management problems or contractual issues that require reports and recommended solutions. Supervises and directs staff on a daily basis. Experience in project development life cycle, from inception to deployment, with an ability to provide guidance and direction in is required.
78 Development Program Manager	Requires a Bachelor's degree and 6 years of progressively more responsible experience in directing and managing system development. Develops and enforces work standards, provides quality assurance and configuration management, reviews work quality, assigns contractor schedules, and communicates goals, objectives, and policies of the organization to subordinates. Oversees financial management and administrative activities, such as budgeting, financial reporting, and manpower and resource planning. Performs complex evaluations of existing procedures, processes, techniques, models, and/or systems relating to management problems or contractual issues that require reports and recommended solutions. Supervises and directs staff on a daily basis. Experience in some project development life cycle phases from inception to deployment, with an ability to provide guidance and direction in these tasks areas is required.
79 Deputy Development Program Manager	Requires a Bachelor's degree and 2 years of experience in directing and managing system development. Develops and enforces work standards, provides quality assurance and configuration management, reviews work quality, assigns contractor schedules, and communicates goals, objectives, and policies of the organization to subordinates. Oversees all financial management and administration activities, such as budgeting, financial reporting, and manpower and resource planning. Performs complex evaluations of existing procedures, processes, techniques, models, and/or systems relating to management problems or contractual issues that require reports and recommended solutions. Supervises and directs staff on a daily basis. Experience in some project development life cycle phases from inception to deployment, with an ability to provide guidance and direction in these tasks areas is required.
80 Principal Technologist	Requires a Bachelor's degree in engineering, physics, science, or related technical discipline and 20 years of experience of which a minimum of 10 years must involve the analysis, development or deployment of advanced technologies within a multidisciplinary systems environment. In addition, requires at least 5 years of experience in managing technology programs.
81 Senior Systems Development Engineer	Requires a Bachelor's degree and 7 years experience applying an organization-wide set of disciplines for the planning, analysis, design, and construction of systems on a system-wide basis or across a major sector of the enterprise. Provides expertise in one or more engineering disciplines such as: electronic engineering, communications engineering, information engineering, network engineering, security, interoperability analysis, system standards, military operations (ground, sea, and air), program analysis, requirements analysis, program planning, cost analysis.

## TRW's PES Labor Category Qualifications (Continued)

Labor Category	Description
82 Systems Development Engineer	Requires a Bachelor's degree and 5 years experience applying an organization-wide set of disciplines for the planning, analysis, design, and construction of systems on a system -wide basis or across a major sector of the enterprise. Proficient in one or more engineering disciplines such as: electronic engineering, communications engineering, information engineering, network engineering security, interoperability analysis, system standards, military operations (ground, sea, and air), program analysis, requirements analysis, program planning, cost analysis.
83 Associate Systems Development Engineer	Requires a Bachelor's degree and 1 year of experience supporting systems development and integration efforts. Understands the disciplines for planning, analysis, design, and construction of systems on a system -wide basis or across a major sector of the enterprise. Knowledgeable or academically-trained in one or more engineering disciplines such as: electronic engineering, communications engineering, information engineering, network engineering security, interoperability analysis, system standards, military operations (ground, sea, and air), program analysis, requirements analysis, program planning, cost analysis.
84 Senior Engineer/Scientist	A minimum of a Bachelor's degree in engineering, mathematics, physics, chemistry, materials, textiles, production management, finance, computer science, biology, or a related degree and 8 years of relevant experience is required or a Master's degree in one of the appropriate fields of study and 4 years of relevant experience or a Ph.D. in one of the appropriate fields of study and 2 years of relevant experience. Individual must demonstrate an ability to develop technical specifications based on stated user requirements for highly complex systems and be capable of providing technical direction and guidance to lower level technical personnel. The background of a Senior Engineer/Scientist must encompass a relevant technology area. Experience must include technical involvement in the design, development, and/or production of related systems or technologies. Also, experience must include technical performance of theoretical studies including activities such as analyzing existing system design, performing simulations, and recommending improvements.
85 Engineer/Scientist	A minimum of a Master's degree in engineering, mathematics, physics, chemistry, materials, textiles, production management, finance, computer science, biology, or a related degree and a minimum of 2 years of experience or a minimum of a Bachelor's degree in one of the appropriate fields of study and 5 years of relevant experience is required. Experience must show an ability to work effectively in one or more of the relevant technology areas.
86 Mid Engineer/Scientist	A minimum of a Bachelor's degree in engineering, mathematics, statistics, chemistry, materials, textiles, physics, production management, finance, computer science, biology, or related degree with at least 2 years of experience. Experience must demonstrate an ability to perform technical studies and analysis on highly complex systems to discover concepts, techniques, and applications that will advance the state-of-the-art and contribute to the development of effective designs.
87 Senior Engineering Technician	Requires a minimum of 10 years of experience in the development, assembly, integration, test or operation of engineering equipment and systems.
88 Engineering Technician	Requires a minimum of 5 years of experience in the development, assembly, integration, test or operation of engineering equipment and systems.
89 Junior Engineering Technician	Requires a minimum of 2 years of experience in the development, assembly, integration, test or operation of engineering equipment and systems.
90 Senior Logistics Analyst	Requires a Bachelor's degree and 7 years of experience of which a minimum of 4 years must involve the analysis, development, or operation of systems and procedures dealing with the procurement, maintenance, transportation, or distribution of personnel or material resources.
91 Logistics Analyst	Requires a Bachelor's degree and 4 years of experience of which a minimum of 2 years must involve the analysis, development, or operation of systems and procedures dealing with the procurement, maintenance, transportation, or distribution of personnel or material resources.

## TRW's PES Labor Category Qualifications (Continued)

Labor Category	Description
92 Junior Logistics Analyst	Requires a Bachelor's degree and training or experience in the analysis, development, or operation of systems and procedures dealing with the procurement, maintenance, transportation, or distribution of personnel or material resources.
93 Senior Acquisition Specialist	Requires a Bachelor's degree and 7 years of experience of which a minimum of 4 years must involve the analysis, development, or administration of acquisition strategies, plans, or procedures.
94 Acquisition Specialist	Requires a Bachelor's degree and 4 years of experience of which a minimum of 2 years must involve the analysis, development, or administration of acquisition strategies, plans, or procedures.
95 Junior Acquisition Specialist	Requires a Bachelor's degree and training or experience in the analysis, development, or administration of acquisition strategies, plans, or procedures.
96 Engineering Support Analyst I	Requires a Bachelor's degree and 15 years of experience of which a minimum of 10 years of experience must involve analysis of either chemical, civil, electrical or mechanical engineering systems or data. Must have detailed experience with one or more phases of the systems engineering life cycle and thorough knowledge of all phases of the systems engineering life cycle.
97 Engineering Support Analyst II	Requires a Bachelor's degree and 10 years of experience of which a minimum of 6 years of experience must involve analysis of either chemical, civil, electrical or mechanical engineering systems or data. Must have detailed experience with and thorough knowledge of one or more phases of the systems engineering life cycle.
98 Engineering Support Analyst III	Requires a Bachelor's degree and 6 years of experience of which a minimum of 3 years of experience must involve analysis of either chemical, civil, electrical or mechanical engineering systems or data. Must have detailed experience with and thorough knowledge of one or more phases of the systems engineering life cycle.
99 Engineering Support Analyst IV	Requires a Bachelor's degree and 3 years of experience of which a minimum of 1 year of experience must involve analysis of either chemical, civil, electrical or mechanical engineering systems or data. Must have experience with and knowledge of one or more phases of the systems engineering life cycle.
100 Engineering Support Analyst V	Requires a Bachelor's degree and either training or experience in the analysis of either chemical, civil, electrical or mechanical engineering systems or data.
101 Senior Management Analyst	Requires a Bachelor's degree and 10 years of experience of which a minimum of 6 years of experience must involve military/Government/business organizational and/or financial analysis or business process reengineering. Must be familiar with A-76 or other competitive sourcing and privatization methodologies.
102 Management Analyst II	Requires a Bachelor's degree and 6 years of experience of which a minimum of 3 years of experience must involve military/Government/business organizational and/or financial analysis or business process reengineering. Must be familiar with A-76 or other competitive sourcing and privatization methodologies.
103 Management Analyst I	Requires a Bachelor's degree and 3 years of experience of which a minimum of 1 year of experience must involve military/Government/business organizational and/or financial analysis or business process reengineering. Must be familiar with A-76 or other competitive sourcing and privatization methodologies.

**104. Space Program Director**

Requires a Bachelors degree and twenty years of progressively more responsible experience in engineering and space program management. Typical areas of expertise may include spacecraft subsystems, satellite payloads, ground stations, satellite design, manufacturing, integration, test, launch, and on-orbit operations. Duties may include technical leadership, planning and implementation, risk management, contract management, procurement and cost control. Develops and enforces work standards, reviews work quality, assigns contractor schedules, and communicates program goals, objectives, and policies to subordinates. Oversees financial management and administrative activities such as budgeting, reporting, and resource planning. Performs complex evaluations of existing procedures, processes, techniques, and models relating to programmatic issues and recommends solutions.

**105. Space Program Senior Manager**

Requires a Bachelors degree and fifteen years of progressively more responsible experience in engineering and space program management. Typical areas of expertise may include spacecraft subsystems, satellite payloads, ground stations, satellite design, manufacturing, integration, test, launch, and on-orbit operations. Duties may include technical leadership, planning and implementation, risk management, contract management, procurement and cost control. Develops and enforces work standards, reviews work quality, assigns contractor schedules, and communicates program goals, objectives, and policies to subordinates. Oversees financial management and administrative activities such as budgeting, reporting, and resource planning. Performs complex evaluations of existing procedures, processes, techniques, and models relating to programmatic issues and recommends solutions.

**106. Space Program Manager**

Requires a Bachelors degree and ten years of progressively more responsible experience in engineering and space program management. Typical areas of expertise may include spacecraft subsystems, satellite payloads, ground stations, satellite design, manufacturing, integration, test, launch, and on-orbit operations. Duties may include technical leadership, planning and implementation, risk management, contract management, procurement and cost control. Develops and enforces work standards, reviews work quality, assigns contractor schedules, and communicates program goals, objectives, and policies to subordinates. Oversees financial management and administrative activities such as budgeting, reporting, and resource planning. Performs complex evaluations of existing procedures, processes, techniques, and models relating to programmatic issues and recommends solutions.

**107. Space Program Lead Engineer**

Requires a Bachelors degree and seven years experience in space program engineering disciplines. These are senior engineering and scientific personnel whose duties and responsibilities require creativity and engineering judgment in solving unusual and complex engineering problems, determining program objectives and requirements, and developing standards and guides for diverse engineering and scientific activities.

108.	<u>Space Program Engineer/Scientist</u>
Requires a Bachelors degree and five years experience in space program engineering disciplines. These are engineering and scientific personnel whose duties and responsibilities require applications of intensive and diversified knowledge of engineering principles and practices, and developing new or improved techniques and procedures.	
109.	<u>Space Program Engineer</u>
Requires a Bachelors degree and three years experience in space program engineering disciplines. These are engineering and personnel whose duties and responsibilities require comprehensive knowledge of engineering principles to support complex research and engineering assignments.	
110.	<u>Space Program Administration</u>
Executive Assistants and professional personnel engaged primarily in activities related to Space Program administration, project control, contract management, and business management. Requires a Bachelor's degree and five years experience in Space Program administration.	
111.	<u>Space Program Technician</u>
Non-exempt technical job classifications involving technical support of laboratory design, development and test activities, production planning, scheduling, and electronic assembly. Specific classifications include Laboratory Analyst, Electrical or Mechanical Technician, and Research Assistant. Requires a High School diploma and three years experience with research and analysis in a laboratory environment.	
112.	<u>Space Program Hardware Fabrication</u>
Non-exempt technical job classifications involving the performance of electrical assembly, mechanical assembly, coil winding, printed circuitry, silk screening, electroplating, thermobond, encapsulation, machining, sheet metal fabrication, model building, welding, and inspection. Requires a High School diploma and three years experience in space program hardware fabrication.	
113	<u>Intel Director</u>
Requires a Bachelors degree and eighteen (18) years of progressively more responsible experience in intelligence program management. Typical areas of expertise may include intelligence systems design and integration, systems integration, mission management, satellite payloads, ground stations, satellite communications, communications Integration and dissemination and intelligence systems operations and maintenance. Duties may include technical leadership, planning and implementation, risk management, contract management, procurement and cost control. Develops and enforces work standards, reviews work quality, assigns contractor schedules, and communicates program goals, objectives and policies to subordinates. Oversees financial management and administrative activities such as budgeting, reporting, and resource planning. Performs complex evaluations of existing procedures, processes, techniques, and models relating to programmatic issues and recommends solutions.	
114	<u>Senior Intel Engineer</u>
Requires a Bachelors degree and eleven (11) years experience in intelligence systems engineering disciplines. These are cleared senior engineering and scientific personnel whose duties and responsibilities require creativity and engineering judgment in solving unusual and complex engineering problems, determining program objectives and requirements, performing systems engineering and integration, and developing standards and guides for diverse engineering and scientific activities	
115	<u>Intel Engineer</u>
Requires a Bachelors degree and six (6) years experience in intelligence systems engineering disciplines. These are cleared engineering and personnel whose duties and responsibilities require performing systems engineering and integration, and comprehensive knowledge of intelligence systems engineering principles to support complex research and engineering assignments.	

**116**

**Associate Intel Engineer**

Requires a Bachelors degree and one (1) year experience in intelligence systems engineering disciplines. These are cleared engineering and personnel whose duties and responsibilities require performing systems engineering and integration, knowledge of intelligence systems engineering principles to support research and engineering assignments

**117**

**Senior Intel Administrator (Exempt)**

Requires a Bachelors degree and eleven (11) years experience in intelligence systems business, finance, contracts and/or security. Provides expertise to properly maintain Intelligence Systems business and financial applications, schedules and budgets, contracts management, maintain personnel and physical security data bases, process security clearance information, supervise visitor control and visitor access. Coordinates classified and unclassified resources, to include personnel, contracts and hardware/software. Performs/oversees classified and unclassified business and financial activity, contracts activity, as well as security procedures. Ensures compliance with electronic and physical security procedures and standards.

**118**

**Intel Administrator (Exempt)**

Requires a Bachelors degree and six (6) years experience in intelligence systems operations and maintenance. Provides expertise to properly maintain Intelligence Systems business and financial applications, schedules and budgets, contracts management, maintain personnel and physical security data bases, process security clearance information, supervise visitor control and visitor access. Coordinates classified and unclassified resources, to include personnel, contracts and hardware/software. Performs/oversees classified and unclassified business and financial activity, contracts activity as well as security procedures. Ensures compliance with electronic and physical security procedures and standards.

**119**

**Associate Intel Administrator (Exempt)**

Requires a Bachelors degree and one (1) year experience in intelligence systems operations and maintenance. Provides expertise to properly maintain Intelligence Systems business and financial applications, schedules and budgets, contracts management, maintain personnel and physical security databases, process security clearance information, supervise visitor control and visitor access. Performs classified and unclassified business and financial activity, contracts activity as well as security procedures. Ensures compliance with electronic and physical security procedures and standards.

**120**

**Intel Administrator (Non-Exempt)**

Executive Assistants and professional personnel engaged primarily in activities related to Intelligence Systems Administration, project control, contract management, and business management. Requires a High School diploma.

TRW's approach to training begins at the project or program level with identified training requirements. To meet those requirements, there currently is available to employees a library of 204 computer-based training courses. In addition, resident training courses provided by external vendors are offered on a recurring basis to meet existing or new training requirements identified by projects and programs.