

SAMPLE DEFENSE CAREER PATHWAY:

Computer Professions and Electrical Engineering Jobs - Electrical Engineering

This is one of many ways to enter Rhode Island's defense industry and move up through computer professions and electrical engineering jobs. You may enter or exit this pathway at any point.

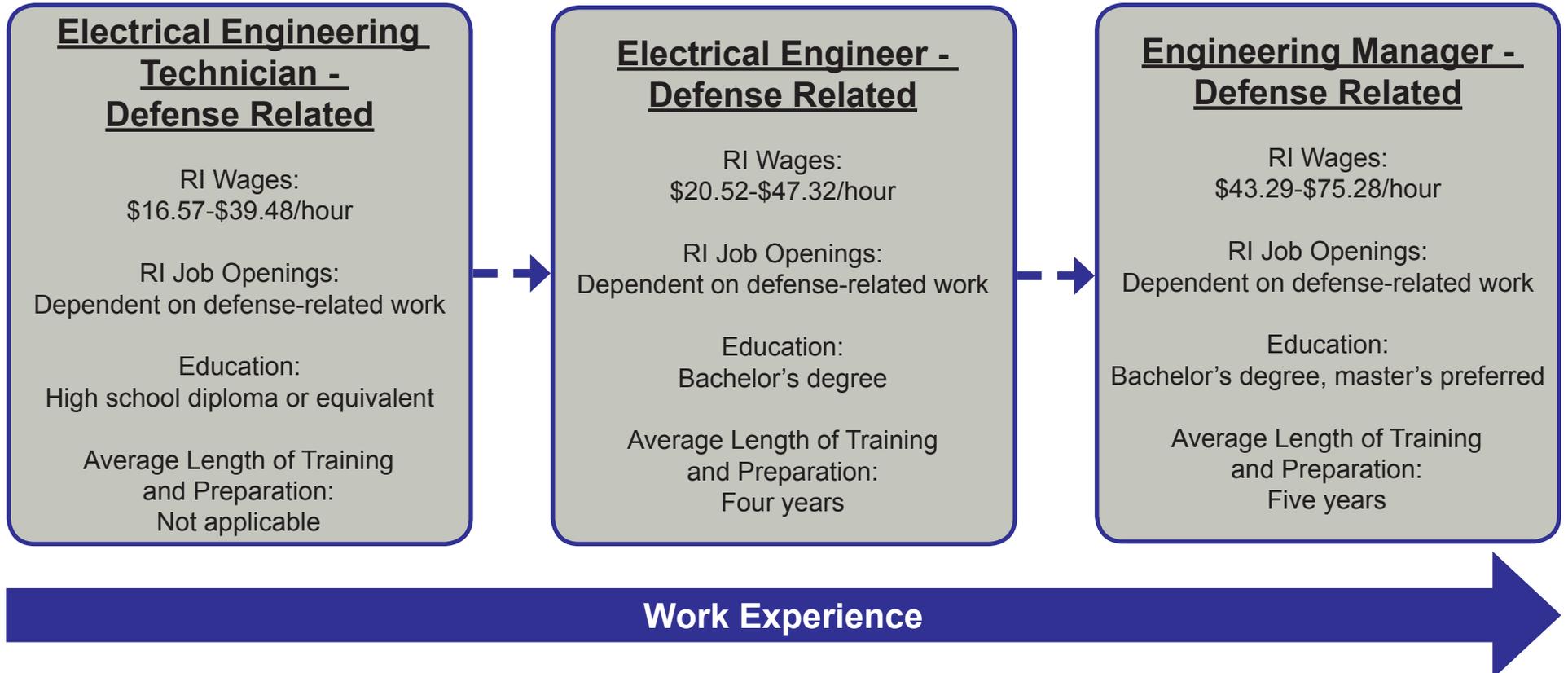
Click on a job to learn more about:

- Wages
- How to prepare
- Education and training programs
- Exploring more options
- Needed skills and abilities

Defense related jobs require US citizenship and the ability to get security clearance (http://www.dss.mil/psmo-i/ps_faqs.html)



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Electrical Engineering Technician – Defense Related



Job Overview

Sample job titles: Electrical Engineering Technician – Defense Related
Note: Defense related jobs require US citizenship and the ability to get a security clearance (http://www.dss.mil/psmo-i/ps_faqs.html)

Job summary: Test or modify developmental or operational electrical machinery or electrical control equipment and circuitry in industrial or commercial plants or laboratories. Usually work under direction of engineers or technologists.

Job Outlook

RI median wage:	\$30.37/hr	National median wage:	\$27.78/hr
RI wages:	\$16.57-\$39.48/hr	National wages:	\$15.15-\$36.12/hr
RI percent change in jobs through 2020:	8%	National percent change in jobs through 2020:	1%
RI job openings:	Dependent on defense-related work	National job openings:	1,460/year
Is this a high-demand job?	Yes		

How to Prepare

Education: High school diploma or equivalent, and/or military service

Adult Education and GED

- Website: <https://www.ride.ri.gov/StudentsFamilies/EducationPrograms/AdultEducationGED.aspx>
- Contact: 401-222-8948

Local training programs:

Rhode Island Diploma System

- Website: <https://www.ride.ri.gov/StudentsFamilies/RIPublicSchools/DiplomaSystem.aspx>
- Contact: 401-222-8944

Find local education and training programs related to electrical engineering technicians through the Eligible Training Program list at <http://www.dlt.ri.gov/wio/programs.htm>

Local apprenticeship options:

None

National Career Readiness Certificate level:

Platinum

The NCRC is being piloted on a limited basis and may not apply to all employment situations.

Certifications:

- Available but not required
 - Examples of certifications can be found on MyNextMove at <http://www.mynextmove.org/profile/ext/cert/17-3023.03>
-

Licenses:

None required

Explore More Options

Similar jobs:

- Computer Engineering Technicians
 - Mechanical Engineering Technicians
-

Find local jobs and internships:

- Visit the EmployRI job and internship search at <https://www.employri.org/jobbanks/>
 - Visit USAjobs at <http://www.usajobs.org>
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Find jobs throughout the US:

- Visit the CareerOneStop job search at <http://www.careeronestop.org/JobSearch/>
 - Visit USAjobs at <http://www.usajobs.org>
-

Additional Job Details

Tasks:

- Assist engineers and scientists in conducting applied research in electrical engineering
 - Calculate design specifications or cost, material, and resource estimates, and prepare project schedules and budgets
 - Compile and maintain records documenting engineering schematics, installed equipment, installation or operational problems, resources used, repairs, or corrective action performed
 - Design or modify engineering schematics for electrical transmission and distribution systems or for electrical installation in residential, commercial, or industrial buildings, using computer-aided design (CAD) software
 - Diagnose, test, or analyze the performance of electrical components, assemblies, or systems
 - Install or maintain electrical control systems, industrial automation systems, or electrical equipment, including control circuits, variable speed drives, or programmable logic controllers
 - Participate in training or continuing education activities to stay abreast of engineering or industry advances
 - Review electrical engineering plans to ensure adherence to design specifications and compliance with applicable electrical codes and standards
 - Review installation or quality assurance documentation
 - Review, develop, and prepare maintenance standards
 - Set up and operate standard or specialized testing equipment
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Knowledge:

- **Engineering and Technology** - Knowledge of the practical application of engineering science and technology. This includes applying principles, techniques, procedures, and equipment to the design and production of various goods and services.
 - **Computers and Electronics** - Knowledge of circuit boards, processors, chips, electronic equipment, and computer hardware and software, including applications and programming
 - **Design** - Knowledge of design techniques, tools, and principles involved in production of precision technical plans, blueprints, drawings, and models
 - **English Language** - Knowledge of the structure and content of the English language including the meaning and spelling of words, rules of composition, and grammar
 - **Mathematics** - Knowledge of arithmetic, algebra, geometry, calculus, statistics, and their applications
-

Skills:

- **Critical Thinking** - Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems
 - **Complex Problem Solving** - Identifying complex problems and reviewing related information to develop and evaluate options and implement solutions
 - **Mathematics** - Using mathematics to solve problems
 - **Reading Comprehension** - Understanding written sentences and paragraphs in work-related documents
 - **Active Listening** - Giving full attention to what other people are saying, taking time to understand the points being made, asking questions as appropriate, and not interrupting at inappropriate times
 - **Judgment and Decision Making** - Considering the relative costs and benefits of potential actions to choose the most appropriate one
 - **Monitoring** – Monitoring and assessing performance of yourself, other individuals, or organizations to make improvements or take corrective action
 - **Speaking** - Talking to others to convey information effectively
 - **Systems Analysis** - Determining how a system should work and how changes in conditions, operations, and the environment will affect outcomes
 - **Time Management** - Managing one's own time and the time of others
 - **Troubleshooting** - Determining causes of operating errors and deciding what to do about it
 - **Writing** - Communicating effectively in writing as appropriate for the needs of the audience
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Abilities:

- **Problem Sensitivity** - Ability to tell when something is wrong or is likely to go wrong. It does not involve solving the problem, only recognizing there is a problem.
- **Deductive Reasoning** - Ability to apply general rules to specific problems to produce answers that make sense
- **Near Vision** - Ability to see details at close range (within a few feet of the observer)
- **Inductive Reasoning** - Ability to combine pieces of information to form general rules or conclusions (includes finding a relationship among seemingly unrelated events)
- **Information Ordering** - Ability to arrange things or actions in a certain order or pattern according to a specific rule or set of rules (e.g., patterns of numbers, letters, words, pictures, mathematical operations)
- **Mathematical Reasoning** - Ability to choose the right mathematical methods or formulas to solve a problem
- **Written Comprehension** - Ability to read and understand information and ideas presented in writing

Technology:

- **Analytical or scientific software** - ANSYS FLUENT, Altera MAX, Anadigm software, Ansoft HFSS, BSVC
 - **Computer aided design CAD software** - Agilent Advanced Design System ADS, Autodesk AutoCAD software, Bentley Microstation, CST Microwave Studio, Cadence PCB Systems Division PSD software
 - **Development environment software** - Analog Devices VisualDSP++, Assembler, C, HP InfoTech CodeVisionAVR, Microchip MPLAB Integrated Development Environment
 - **Object or component-oriented development software** - C++, Microsoft Visual Basic.NET
 - **Operating system software** - Linux, UNIX
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Electrical Engineer – Defense Related



Job Overview

Electrical Engineer – Defense Related

Sample job titles:

Note: Defense related jobs require US citizenship and the ability to get a security clearance (http://www.dss.mil/psmo-i/ps_faqs.html)

Job summary:

Research, design, develop, test, or supervise the manufacturing and installation of electrical equipment, components, or systems for commercial, industrial, military, or scientific use.

Job Outlook

RI median wage:

\$43.29/hr

National median wage:

\$39.60/hr

RI wages:

\$20.52-\$47.32/hr

National wages:

\$18.77-\$43.29/hr

RI percent change in jobs through 2020:

11%

National percent change in jobs through 2020:

5%

RI job openings:

Dependent on defense-related work

National job openings:

4,410/year

Is this a high-demand job?

Yes

How to Prepare

Education:

Bachelor's degree

Electrical Engineering

- Provider: University of Rhode Island
- Type of certificate/degree awarded: Bachelor's degree
- Address: Kelley Hall, 4 East Alumni Ave., Kingston, RI 02881
- Website: <http://egr.uri.edu/ele/undergrad/>
- Contact: 401-874-2506

Local training programs:

Electrical Engineering Concentration

- Provider: Brown University
- Type of certificate/degree awarded: Bachelor's degree
- Address: School of Engineering, Brown University, Box D, 184 Hope St., Providence, RI 02912
- Website: <http://brown.edu/academics/engineering/undergraduate-study/concentrations/electrical-engineering>

- Contact: 401-863-1433 or torir@brown.edu

Electrical Engineering Technology

- Provider: New England Institute of Technology
- Type of certificate/degree awarded: Bachelor's degree
- Address: East Greenwich Campus, One New England Tech Blvd., East Greenwich, RI 02818
- Website: <http://www.neit.edu/Programs/Bachelors-Degree-Programs/Electrical-Engineering-Technology>
- Contact: 401-467-7744

Electronics Engineering

- Provider: Johnson and Wales University
- Type of certificate/degree awarded: Bachelor's degree
- Address: 8 Abbott Park Place, Providence, RI 02903
- Website: <http://www.jwu.edu/content.aspx?id=10498>
- Contact: 401-598-1000

Engineering with an Electrical Engineering Specialization

- Provider: Roger Williams University
- Type of certificate/degree awarded: Bachelor's degree
- Address: One Old Ferry Road, Bristol, RI 02809
- Website: <http://rwu.edu/academics/schools-colleges/seccm/degree-offerings/engineering#elecspec>
- Contact: 401-254-3334 or lriley@jwu.edu

Local apprenticeship options:

None

National Career Readiness Certificate level:

Platinum

The NCRC is being piloted on a limited basis and may not apply to all employment situations.

Certifications:

- Available but not required
- Examples of certifications can be found on MyNextMove at <http://www.mynextmove.org/profile/ext/cert/17-2071.00>

Licenses:

- None required, but a professional engineer license is available
- For more information, visit <http://www.dlt.ri.gov/lmi/jobseeker/license1.htm> and review the section "Engineer, Professional"

Explore More Options

- Similar jobs:**
- Computer Engineer
 - Mechanical Engineer
 - Systems Engineer
-

- Find local jobs and internships:**
- Visit the EmployRI job and internship search at <https://www.employri.org/jobbanks/>
 - Visit USAjobs at <http://www.usajobs.org>
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- Find jobs throughout the US:**
- Visit the CareerOneStop job search at <http://www.careeronestop.org/JobSearch/>
 - Visit USAjobs at <http://www.usajobs.org>
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Additional Job Details

- Tasks:**
- Assist in developing project programs for new equipment or major repairs
 - Collect data relating to efficiency of electrical systems
 - Compile data and write reports regarding existing or potential electrical engineering studies or projects
 - Conduct field surveys or study maps, graphs, diagrams, or other data to identify and correct power system problems
 - Confer with engineers, customers, or others to discuss existing or potential engineering projects or products
 - Design, implement, maintain, or improve electrical instruments, equipment, facilities, components, products, or systems for commercial, industrial, or domestic purposes
 - Develop budgets, estimating labor, material, and construction costs
 - Direct or coordinate manufacturing, construction, installation, maintenance, support, documentation, or testing activities to ensure compliance with specifications, codes, or customer requirements
 - Inspect completed installations and observe operations to ensure conformance to design and equipment specifications and compliance with operational and safety standards
 - Investigate customer or public complaints, determine nature and extent of problem, and recommend remedial measures
 - Investigate or test vendors' or competitors' products
 - Operate computer-assisted engineering or design software or equipment to perform engineering tasks
 - Oversee project production efforts to assure projects are completed on time and within budget
 - Perform detailed calculations to compute and establish manufacturing, construction, or installation standards or specifications
 - Plan layout of electric power generating plants or distribution lines or stations
 - Plan or implement research methodology or procedures to apply principles of electrical theory to engineering projects
 - Prepare specifications for purchases of materials or equipment
 - Prepare technical drawings, specifications of electrical systems, or topographical maps to ensure that installation and operations conform to standards and customer requirements
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- Supervise or train project team members as necessary
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Knowledge:

- **Engineering and Technology** - Knowledge of the practical application of engineering science and technology. This includes applying principles, techniques, procedures, and equipment to the design and production of various goods and services.
 - **Design** - Knowledge of design techniques, tools, and principles involved in production of precision technical plans, blueprints, drawings, and models
 - **Computers and Electronics** - Knowledge of circuit boards, processors, chips, electronic equipment, and computer hardware and software, including applications and programming
 - **Mathematics** - Knowledge of arithmetic, algebra, geometry, calculus, statistics, and their applications
 - **Physics** - Knowledge and prediction of physical principles, laws, their interrelationships, and applications to understanding fluid, material, and atmospheric dynamics, and mechanical, electrical, atomic and sub-atomic structures and processes
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Skills:

- **Critical Thinking** - Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems
 - **Reading Comprehension** - Understanding written sentences and paragraphs in work-related documents
 - **Active Listening** - Giving full attention to what other people are saying, taking time to understand the points being made, asking questions as appropriate, and not interrupting at inappropriate times
 - **Complex Problem Solving** - Identifying complex problems and reviewing related information to develop and evaluate options and implement solutions
 - **Writing** - Communicating effectively in writing as appropriate for the needs of the audience
-

Abilities:

- **Problem Sensitivity** - Ability to tell when something is wrong or is likely to go wrong. It does not involve solving the problem, only recognizing there is a problem.
 - **Deductive Reasoning** - Ability to apply general rules to specific problems to produce answers that make sense
 - **Oral Comprehension** - Ability to listen to and understand information and ideas presented through spoken words and sentences
 - **Oral Expression** - Ability to communicate information and ideas in speaking so others will understand
 - **Written Comprehension** - Ability to read and understand information and ideas presented in writing
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Technology:

- **Analytical or scientific software** - APLAC Solutions Corporation software, automated material handling software, availability prediction modeling software, circuit simulation software, digital timing diagram editing software
 - **Computer aided design (CAD) software** - Agilent Advanced Design System ADS software, Autodesk AutoCAD software, Cadence Allegro Design Entry software, Cadence Encounter Test, chip design software
 - **Development environment software** - Ada, Advanced boolean expression language ABEL, Altera hardware description language AHDL, C, Eclipse IDE software
 - **Object or component oriented development software** - C++, JHDL, Practical extraction and reporting language Perl, Python, Sun Microsystems Java
 - **Operating system software** - Microsoft Windows Server, UNIX
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Engineering Manager – Defense Related



Job Overview

Engineering Manager – Defense Related

Sample job titles:

Note: Defense related jobs require US citizenship and the ability to get a security clearance (http://www.dss.mil/psmo-i/ps_faqs.html)

Job summary:

Plan, direct, or coordinate activities in engineering and related research and development.

Job Outlook

RI median wage:

\$56.28/hr

National median wage:

\$51.48/hr

RI wages:

\$43.29-\$75.28/hr

National wages:

\$39.60-\$71.55/hr

RI percent change in jobs through 2020:

15%

National percent change in jobs through 2020:

7%

RI job openings:

Dependent on defense-related work

National job openings:

6,060/year

Is this a high-demand job?

Yes

How to Prepare

Education:

- Bachelor's degree required, master's degree preferred
- Typical work experience needed: 5 years or more

Bachelor's Degree Programs:

Electrical Engineering

- Provider: University of Rhode Island
- Type of certificate/degree awarded: Bachelor's degree
- Address: Kelley Hall, 4 East Alumni Ave., Kingston, RI 02881
- Website: <http://egr.uri.edu/ele/undergrad/>
- Contact: 401-874-2506

Local training programs:

Electrical Engineering Concentration

- Provider: Brown University
- Type of certificate/degree awarded: Bachelor's degree
- Address: School of Engineering, Brown University, Box D, 184 Hope St., Providence, RI 02912
- Website: <http://brown.edu/academics/engineering/undergraduate->

[study/concentrations/electrical-engineering](#)

- Contact: 401-863-2677 or brownengin@gmail.com

Electrical Engineering Technology

- Provider: New England Institute of Technology
- Type of certificate/degree awarded: Bachelor's degree
- Address: East Greenwich Campus, One New England Tech Blvd., East Greenwich, RI 02818
- Website: <http://www.neit.edu/Programs/Bachelors-Degree-Programs/Electrical-Engineering-Technology>
- Contact: 401-467-7744

Electronics Engineering

- Provider: Johnson and Wales University
- Type of certificate/degree awarded: Bachelor's degree
- Address: 8 Abbott Park Place, Providence, RI 02903
- Website: <http://www.jwu.edu/content.aspx?id=10498>
- Contact: 401-598-1000

Engineering with an Electrical Engineering Specialization

- Provider: Roger Williams University
- Type of certificate/degree awarded: Bachelor's degree
- Address: One Old Ferry Road, Bristol, RI 02809
- Website: <http://rwu.edu/academics/schools-colleges/seccm/degree-offerings/engineering#elecspec>
- Contact: 401-254-3334 or lriley@jwu.edu

Master's Degree Programs:

Electrical Engineering

- Provider: Brown University
- Type of certificate/degree awarded: Master of Science
- Address: School of Engineering, Brown University, Box D, 184 Hope St., Providence, RI 02912
- Website: <http://brown.edu/academics/engineering/electrical-engineering-research>
- Contact: 401-863-2677 or engingrad@brown.edu

Electrical Engineering

- Provider: University of Rhode Island
- Type of certificate/degree awarded: Master of Science

- Address: Kelley Hall, 4 East Alumni Ave., Kingston, RI 02881
- Website: <http://egr.uri.edu/ele/graduate/>
- Contact: 401-874-2506

Evening MBA

- Provider: University of Rhode Island
- Type of certificate/degree awarded: Master of Business Administration
- Address: Feinstein Providence Campus, 80 Washington St., Providence, RI 02903
- Website: <http://web.uri.edu/business/evening-mba/>
- Contact: 401-874-2506

Management

- Provider: Salve Regina University
- Type of certificate/degree awarded: Master of Science
- Address: 100 Ochre Point Ave., Newport, RI, 02840
- Website: <http://www.salve.edu/graduate-studies/business-administration-and-management/ms-management>
- Contact: 401-847-6650

Master of Business Administration

- Provider: Salve Regina University
- Type of certificate/degree awarded: Master of Business Administration
- Address: 100 Ochre Point Ave., Newport, RI, 02840
- Website: <http://www.salve.edu/graduate-studies/business-administration-and-management/master-of-business-administration-mba>
- Contact: 401-847-6650

MBA

- Provider: Johnson and Wales University
- Type of certificate/degree awarded: Master of Business Administration
- Address: Graduate School Admissions, Grace Welcome Center, 120 Harborside Boulevard, Cranston, RI 02905
- Website: <http://www.jwu.edu/content.aspx?id=22380>
- Contact: 401-598-1015

MBA One-Year Program

- Provider: Johnson and Wales University
- Type of certificate/degree awarded: Master of Business Administration

- Address: Graduate School Admissions, Grace Welcome Center, 120 Harborside Boulevard, Cranston, RI 02905
- Website: <http://www.jwu.edu/content.aspx?id=58267>
- Contact: 401-598-1015

One-Year MBA in Strategic Innovation

- Provider: University of Rhode Island
- Type of certificate/degree awarded: Master of Business Administration
- Address: Feinstein Providence Campus, 80 Washington St., Providence, RI 02903
- Website: <http://web.uri.edu/business/one-year-mba/>
- Contact: 401-874-2506

One-Year Master of Business Administration

- Provider: Bryant University
- Type of certificate/degree awarded: Master of Business Administration
- Address: 1150 Douglas Pike, Smithfield, RI 02917
- Website: <http://gradschool.bryant.edu/business/mba-one-year.htm>
- Contact: 401-232-6000

Program in Innovation Management and Entrepreneurship

- Provider: Brown University
- Type of certificate/degree awarded: Master of Science
- Address: PRIME, Brown University, 184 Hope Street, Box D, Providence, RI 02912
- Website: <http://www.brown.edu/academics/engineering/prime/>
- Contact: 401-863-6843 or prime@brown.edu

Two-Year Master of Business Administration

- Provider: Bryant University
- Type of certificate/degree awarded: Master of Business Administration
- Address: 1150 Douglas Pike, Smithfield, RI 02917
- Website: <http://gradschool.bryant.edu/business/mba.htm>
- Contact: 401-232-6000

Local apprenticeship options: None

National Career Readiness Certificate level: None

- Certifications:**
- Available but not required
 - Examples of certifications can be found on MyNextMove at <http://www.mynextmove.org/profile/ext/cert/17-2071.00>
-
- Licenses:**
- None required, but a professional engineer license is available
 - For more information, visit <http://www.dlt.ri.gov/lmi/jobseeker/license1.htm> and review the section “Engineer, Professional”

Explore More Options

Similar jobs: Not applicable

- Find local jobs and internships:**
- Visit the EmployRI job and internship search at <https://www.employri.org/jobbanks/>
 - Visit USAjobs at <http://www.usajobs.org>
-

- Find jobs throughout the US:**
- Visit the CareerOneStop job search at <http://www.careeronestop.org/JobSearch/>
 - Visit USAjobs at <http://www.usajobs.org>

Additional Job Details

- Tasks:**
- Assess project feasibility by analyzing technology, resource needs, and market demand
 - Confer with management, production, or marketing staff to discuss project specifications or procedures
 - Consult or negotiate with clients to prepare project specifications
 - Develop or implement policies, standards, or procedures for engineering and technical work
 - Develop or implement programs to improve sustainability or reduce the environmental impacts of engineering or architecture activities or operations
 - Direct recruitment, placement, and evaluation of engineering project staff
 - Direct, review, or approve project design changes
 - Establish scientific or technical goals within broad outlines provided by top management
 - Evaluate environmental regulations or social pressures related to environmental issues to inform strategic or operational decision-making
 - Evaluate the environmental impacts of engineering, architecture, or research and development activities
 - Identify environmental threats or opportunities associated with the development and launch of new technologies
 - Manage the coordination and overall integration of technical activities in engineering projects
 - Perform administrative functions, such as reviewing or writing reports, approving expenditures, enforcing rules, or purchasing of materials or services
 - Plan or direct the installation, testing, operation, maintenance, or repair of facilities or equipment
 - Plan, direct, or coordinate survey work with other project activities
 - Prepare budgets, bids, or contracts

- Present and explain proposals, reports, or findings to clients
 - Review, recommend, or approve contracts or cost estimates
 - Solicit project support by conferring with officials or providing information to the public
-

Knowledge:

- **Engineering and Technology** - Knowledge of the practical application of engineering science and technology. This includes applying principles, techniques, procedures, and equipment to the design and production of various goods and services.
 - **Design** - Knowledge of design techniques, tools, and principles involved in production of precision technical plans, blueprints, drawings, and models
 - **Mathematics** - Knowledge of arithmetic, algebra, geometry, calculus, statistics, and their applications
 - **Administration and Management** - Knowledge of business and management principles involved in strategic planning, resource allocation, human resources modeling, leadership technique, production methods, and coordination of people and resources
 - **English Language** - Knowledge of the structure and content of the English language including the meaning and spelling of words, rules of composition, and grammar
-

Skills:

- **Reading Comprehension** - Understanding written sentences and paragraphs in work-related documents
 - **Critical Thinking** - Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems
 - **Active Listening** - Giving full attention to what other people are saying, taking time to understand the points being made, asking questions as appropriate, and not interrupting at inappropriate times
 - **Complex Problem Solving** - Identifying complex problems and reviewing related information to develop and evaluate options and implement solutions
 - **Coordination** - Adjusting actions in relation to others' actions
 - **Judgment and Decision Making** - Considering the relative costs and benefits of potential actions to choose the most appropriate one
 - **Speaking** - Talking to others to convey information effectively
 - **Time Management** - Managing one's own time and the time of others
-

Abilities:

- **Written Comprehension** - Ability to read and understand information and ideas presented in writing
 - **Oral Comprehension** - Ability to listen to and understand information and ideas presented through spoken words and sentences
 - **Oral Expression** - Ability to communicate information and ideas in speaking so others will understand
 - **Deductive Reasoning** - Ability to apply general rules to specific problems to produce answers that make sense
 - **Inductive Reasoning** - Ability to combine pieces of information to form general rules or conclusions (includes finding a relationship among seemingly unrelated events)
 - **Problem Sensitivity** - Ability to tell when something is wrong or is likely to go wrong. It does not involve solving the problem, only recognizing there is a problem.
-

Examples include:

Technology:

- **Analytical or scientific software** - HEC RAS, HEC-1, SPSS software, Water surface pressure gradient WSPG software
 - **Calendar and scheduling software** - Maintenance scheduling software, scheduling software
 - **Computer aided design (CAD) software** - Autodesk AutoCAD software, Autodesk VIZ, computer aided design (CAD) software, drawing and drafting software, Hewlett-Packard HP SolidDesigner
 - **Data base user interface and query software** - Autodesk Buzzsaw, database software, Structured query language SQL
 - **Project management software** - Microsoft Project, Oracle Primavera Systems software, project management software, Realization Streamliner, The Gordian Group PROGEN Online
-