

2011 EAA National IT and Engineering Survey

Job Index

Job Family	Job Code	Title	
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Aeronautical/ Aerospace Engineering

10101	Aeronautical/ Aerospace Engineer 1 (Associate)	(Insufficient data)
10102	Aeronautical/ Aerospace Engineer 2 (Experienced)	(Insufficient data)
10103	Aeronautical/ Aerospace Engineer 3 (Senior)	
10104	Aeronautical/ Aerospace Engineer 4 (Principal)	(Insufficient data)
10105	Aeronautical/ Aerospace Engineer 5 (Senior Principal)	

Chemical Engineering

10111	Chemical Engineer 1 (Associate)
10112	Chemical Engineer 2 (Experienced)
10113	Chemical Engineer 3 (Senior)
10114	Chemical Engineer 4 (Principal)
10115	Chemical Engineer 5 (Senior Principal)

Chemist

10121	Chemist 1
10122	Chemist 2
10123	Chemist 3
10124	Chemist 4

Civil Engineering

10131	Civil Engineer 1 (Associate)
10132	Civil Engineer 2 (EIT)
10133	Civil Engineer 3 (PE)
10134	Civil Engineer 4 (PE) (Principal)
10135	Civil Engineer 5 (PE) (Senior Principal)
10136	Civil Engineering Manager

Design Engineering

10141	Design Engineering Technician 1 (Entry)
10142	Design Engineering Technician 2 (Experienced)
10143	Design Engineering Technician 3 (Advanced)
10144	Designer (Non-Degreed Engineer)
10145	Senior Designer (Non-Degreed Engineer)
10151	<i>Design Engineer 1 (Associate)</i>
10152	<i>Design Engineer 2 (Experienced)</i>
10153	<i>Design Engineer 3 (Senior)</i>
10154	<i>Design Engineer 4 (Principal)</i>
10155	<i>Design Engineer 5 (Senior Principal)</i>
10159	Engineering Project Manager (R&D)
10161	Design Engineering Manager

Document

10171	Technical Writer 1
10172	Technical Writer 2
10173	Technical Writer 3
10181	Drafting Supervisor
10182	Drafting and Documentation Manager

Electrical/ Electronics Engineering

10191	Electrical/ Electronics Engineer 1 (Associate)
10192	Electrical/ Electronics Engineer 2 (Experienced)
10193	Electrical/ Electronics Engineer 3 (Senior)
10194	Electrical/ Electronics Engineer 4 (Principal)
10195	Electrical/ Electronics Engineer 5 (Senior Principal)

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Generic Engineering

- 10201 Generic Engineer 1 (Associate)
- 10202 Generic Engineer 2 (Experienced)
- 10203 Generic Engineer 3 (Senior)
- 10204 Generic Engineer 4 (Principal)
- 10205 Generic Engineer 5 (Senior Principal)

Industrial Engineering

- 10211 Industrial Engineer 1 (Associate)
- 10212 Industrial Engineer 2 (Experienced)
- 10213 Industrial Engineer 3 (Senior)
- 10214 Industrial Engineer 4 (Principal)
- 10215 Industrial Engineer 5 (Senior Principal)

Mechanical Engineering

- 10221 Mechanical Engineer 1 (Associate)
- 10222 Mechanical Engineer 2 (Experienced)
- 10223 Mechanical Engineer 3 (Senior)
- 10224 Mechanical Engineer 4 (Principal)
- 10225 Mechanical Engineer 5 (Senior Principal)

Manufacturing / Process Engineering

- 10231 CNC Programmer 1
- 10232 CNC Programmer 2 (Advanced)
- 10235 Methods & Process Technician 1 (Entry)
- 10236 Methods & Process Technician 2 (Experienced)
- 10237 Methods & Process Technician 3 (Advanced)
- 10241 Six Sigma Master Black Belt
- New* 10242 Continuous Improvement / Lean Coordinator
- New* 10243 Manager of Lean Enterprise
- New* 10244 Top Management of Lean Enterprise
- 10251 *Manufacturing / Process Engineer 1 (Associate)*
- 10252 *Manufacturing / Process Engineer 2 (Experienced)*
- 10253 *Manufacturing / Process Engineer 3 (Senior)*
- 10254 *Manufacturing / Process Engineer 4 (Principal)*
- 10255 *Manufacturing / Process Engineer 5 (Senior Principal)*
- 10261 Manufacturing Engineering Manager

Quality / Test Engineering

- 10271 Laboratory/Test Technician 1 (Entry)
- 10272 Laboratory/Test Technician 2 (Experienced)
- 10273 Laboratory/Test Technician 3 (Advanced)
- 10275 *Quality / Test Engineer 1 (Associate)*
- 10276 *Quality / Test Engineer 2 (Experienced)*
- 10277 *Quality / Test Engineer 3 (Senior)*
- 10278 *Quality / Test Engineer 4 (Principal)*
- 10279 *Quality / Test Engineer 5 (Senior Principal)*

Sales / Applications Engineering

- 10281 *Sales / Applications Engineer 1 (Associate)*
- 10282 *Sales / Applications Engineer 2 (Experienced)*
- 10283 *Sales / Applications Engineer 3 (Senior)*
- 10284 *Sales / Applications Engineer 4 (Principal)*
- 10285 *Sales / Applications Engineer 5 (Senior Principal)*

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Software Engineering

- 10291 Software Engineer 1 (Associate)
- 10292 Software Engineer 2 (Experienced)
- 10293 Software Engineer 3 (Senior)
- 10294 Software Engineer 4 (Principal)
- 10295 Software Engineer 5 (Senior Principal)

Engineering Management

- 10301 Engineering Supervisor
- 10305 Director of Engineering
- 10311 Vice President of Engineering

IT Management

- 11101 Chief Information Officer (CIO)
- 11103 IT Director
- 11105 IT Manager (Single Location)
- 11106 IT Manager (Corporate Organizations)
- 11108 Project Manager

Business Analyst

- 11111 Business Analyst 1 (Entry)
- 11112 Business Analyst 2 (Intermediate)
- 11113 Business Analyst 3 (Advanced)
- 11114 Business Analyst 4 (Principal)
- 11121 ERP Business Analyst 1 (Entry)
- 11122 ERP Business Analyst 2 (Experienced)
- 11123 ERP Business Analyst 3 (Advanced)
- 11124 ERP Business Analyst 4 (Principal)
- 11131 ERP Programming Analyst 1 (Entry)
- 11132 ERP Programming Analyst 2 (Experienced)
- 11133 ERP Programming Analyst 3 (Advanced)
- 11134 ERP Programming Analyst 4 (Principal)
- 11135 ERP Project/Programming Analyst Manager

Database Administration

- 11139 Data Warehousing Administrator
- 11141 Data Entry Supervisor
- 11143 Data Security Analyst
- 11144 Data Security Manager
- 11151 Database Administrator
- 11152 Database Analyst 2 (Experienced)
- 11153 Database Analyst 3 (Advanced)
- 11154 Database Analyst 4 (Principal)
- 11155 Database Manager

Human Resources Information Systems Analyst

- 11171 Human Resources Information Systems Analyst 1
- 11172 Human Resources Information Systems Analyst 2
- 11173 Human Resources Information Systems Manager

Maintenance

- 11177 Computer Technician 1 (Entry)
- 11178 Computer Technician 2 (Experienced)
- 11179 Computer Technician 3 (Advanced)

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Network

- 11181 Network Engineer 1 (Entry)
- 11182 Network Engineer 2 (Experienced)
- 11183 Network Engineer 3 (Advanced)
- 11185 Systems Administrator 1
- 11187 Systems Administrator 2
- 11188 Network Administrator
- 11189 LAN Administrator/Manager (Single Facility)
- 11190 WAN Administrator/Manager
- 11191 LAN/WAN Analyst 2 (Experienced)
- 11192 LAN/WAN Analyst 3 (Advanced)

Operating Systems

- 11195 Computer Operator 1 (Entry)
- 11196 Computer Operator 2 (Experienced)
- 11197 Computer Operator 3 (Advanced)
- 11201 Computer Operations Supervisor
- 11202 Computer Operations Manager
- 11205 Operating Systems Programmer 1 (Entry)
- 11206 Operating Systems Programmer 2 (Experienced)
- 11207 Operating Systems Programmer 3 (Advanced)
- 11208 Operating Systems Programming Supervisor
- 11209 Manager, Computer Operations and Operating Systems Programming

Applications Developer/Programmer

- 11211 Application Developer 1 (Entry)
- 11212 Application Developer 2 (Experienced)
- 11213 Application Developer 3 (Advanced)
- 11214 Application Developer 4 (Principal)

New 11215 Application Developer Manager

Systems Analysis / Programming

- 11221 Application Programming Analyst 1 (Entry)
- 11222 Application Programming Analyst 2 (Experienced)
- 11223 Application Programming Analyst 3 (Advanced)
- 11224 Application Programming Analyst 4 (Principal)
- 11225 Application Programming Analyst Manager

Overall Programming/System Analyst Management

- 11226 Manager Application Systems Analysis/Programming and Operating Systems

Telecommunication

- 11232 Telecommunications Technician 2 (Experienced)
- 11233 Telecommunications Technician 3 (Advanced)
- New* 11236 Telecommunications Programmer/ Systems Analyst 1 (Entry) (Insufficient data)
- 11237 Telecommunications Programmer/ Systems Analyst 2 (Experienced)
- 11238 Telecommunications Programmer/ Systems Analyst 3 (Advanced)
- 11241 Telecommunications Operations Manager, Data and Voice Communications
- 11242 Director of Telecommunications Services

User Support

- 11251 Help Desk 1 (Entry)
- 11252 Help Desk 2 (Experienced)
- 11253 Help Desk 3 (Advanced)
- 11255 Help Desk Manager
- 11262 PC Specialist
- 11263 Technical Support Analyst
- 11265 Technology Trainer

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Web

- 11271 Web Administrator
- 11272 Webmaster
- 11273 Web Content Administrator
- 11275 Web Graphics Designer 1
- 11276 Web Graphics Designer 2
- 11281 Web Software Developer 1 (Entry)
- 11282 Web Software Developer 2 (Experienced)
- 11283 Web Software Developer 3 (Advanced)
- 11284 Web Software Developer 4, (Principal)