

**2016 STANDARD TITLES FOR PROFESSIONAL SERVICES  
CAPITAL CONTRACTING OFFICE**

| COA Standard Title  | Minimum Qualifications   |
|---|--|
| <p><b>Engineering Technician</b> - Under general supervision, using broad knowledge of engineering technology concepts, principles, and practices, evaluate simple to complex engineering technology support functions including researching, reviewing, analyzing and providing information to other team members. Perform a wide variety of standard and nonstandard tasks in engineering technology functions. Associate degree in Applied Science or a related engineering discipline may substitute for 2 years of the required work experience.</p> |  |
| <b>Engineering Technician I (1+)</b>  | Graduation from High School or equivalent, plus 1+ years of related work experience.   |
| <b>Engineering Technician II (5+)</b>   | Graduation from High School or equivalent, plus 5+ years of related work experience.   |
| <b>Engineering Technician III (10+)</b>   | Graduation from High School or equivalent, plus 10+ years of related work experience.  |
| <b>Engineering Technician IV (15+)</b>  | Graduation from High School or equivalent, plus 15+ years of related work experience.  |
| <b>Engineering Technician V (20+)</b>   | Graduation from High School or equivalent, plus 20+ years of related work experience.  |
| <b>Engineering Technician VI (25+)</b>  | Graduation from High School or equivalent, plus 25+ years of related work experience.  |
| COA Standard Title  | Minimum Qualifications   |
| <p><b>Engineering Associate</b> - Under supervision of a Professional Engineer, perform engineering projects or assignments. Exercises limited judgment within defined methods, procedures, and practices. Positions greater than 10 years experience require at least 1 year in lead role.</p>   |  |
| <b>Engineering Associate I (0+)</b>   | Graduation from an accredited four-year college or university with major course work in a field related to engineering, plus 0+ years of related work experience.                                  |
| <b>Engineering Associate II (5+)</b>  | Graduation from an accredited four-year college or university with major course work in a field related to engineering, plus 5+ years of related work experience.                                  |
| <b>Engineering Associate III (10+)</b>  | Graduation from an accredited four-year college or university with major course work in a field related to engineering, plus 10+ years of related work experience, plus 1 year in a lead capacity. |
| <b>Engineering Associate IV (15+)</b>   | Graduation from an accredited four-year college or university with major course work in a field related to engineering, plus 15+ years of related work experience, plus 1 year in a lead capacity. |
| <b>Engineering Associate V (20+)</b>  | Graduation from an accredited four-year college or university with major course work in a field related to engineering, plus 20+ years of related work experience, plus 1 year in a lead capacity. |
| <b>Engineering Associate VI (25+)</b>   | Graduation from an accredited four-year college or university with major course work in a field related to engineering, plus 25+ years of related work experience, plus 1 year in a lead capacity. |

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| <p><b>Engineer in Training</b> - Engineer in Training (EIT) Certification, Texas EIT preferred. The term "Engineer in Training" defines a person certified by the State of Texas as one who is a graduate of an engineering program or related science curriculum approved by the Board and who has passed the National Council of Examiners for Engineering and Surveying (NCEES) eight-hour Fundamentals of Engineering (FE) Examination. Under direct supervision of a Professional Engineer, use engineering knowledge to perform routine engineering projects/assignments requiring limited judgment within the defined methods, procedures, and practices for the application of standards and criteria necessary to fulfill the experience requirement for pursuant of a licensure as a professional engineer.</p> |   |
| <b>Engineer in Training I (0+)</b>  | EIT Certification required. Graduation from an accredited four-year college or university with major course work in engineering, plus 0+ years of related work experience.  |
| <b>Engineer in Training II (5+)</b>   | EIT Certification required. Graduation from an accredited four-year college or university with major course work in engineering, plus 5+ years of related work experience.  |
| <b>Engineer in Training III (10+)</b>   | EIT Certification required. Graduation from an accredited four-year college or university with major course work in engineering, plus 10+ years of related work experience.   |
| <b>Engineer in Training IV (15+)</b>  | EIT Certification required. Graduation from an accredited four-year college or university with major course work in engineering, plus 15+ years of related work experience.   |
| <b>Engineer in Training V (20+)</b>   | EIT Certification required. Graduation from an accredited four-year college or university with major course work in engineering, plus 20+ years of related work experience.   |
| <b>Engineer in Training VI (25+)</b>  | EIT Certification required. Graduation from an accredited four-year college or university with major course work in engineering, plus 25+ years of related work experience.   |
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| <p><b>Engineer - Professional Engineer (P.E.)</b> License required, Texas P.E. preferred. Under general supervision and using moderate latitude for independent judgment, perform routine engineering work that includes: designing, planning, overseeing work in support of construction, maintenance, alteration of structures, facilities, processes, equipment, and systems.</p>  |   |
| <b>Professional Engineer I (4+)</b>   | P. E. License required. Graduation from an accredited four-year college or university with major course work in engineering, plus 4+ years of engineering work experience acquired either before or after licensing as a P. E.  |
| <b>Professional Engineer II (8+)</b>  | P. E. License required. Graduation from an accredited four-year college or university with major course work in engineering, plus 8+ years of engineering work experience acquired either before or after licensing as a P. E.  |
| <b>Professional Engineer III (10+)</b>  | P. E. License required. Graduation from an accredited four-year college or university with major course work in engineering, plus 10+ years of engineering work experience acquired either before or after licensing as a P. E. |
| <b>Professional Engineer IV (15+)</b>   | P. E. License required. Graduation from an accredited four-year college or university with major course work in engineering, plus 15+ years of engineering work experience acquired either before or after licensing as a P. E. |
| <b>Professional Engineer V (20+)</b>  | P. E. License required. Graduation from an accredited four-year college or university with major course work in engineering, plus 20+ years of engineering work experience acquired either before or after licensing as a P. E. |
| <b>Professional Engineer VI (25+)</b>   | P. E. License required. Graduation from an accredited four-year college or university with major course work in engineering, plus 25+ years of engineering work experience acquired either before or after licensing as a P. E. |

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| <p><b>Supervisory Engineer - Professional Engineer (P.E.)</b> License required, Texas P.E. preferred. Under nominal direction, accountable for managing and implementing engineering functions of a major division, program, and/or activities including budgeting, staffing, development of policies and procedures, and providing support in an effort to accomplish overall goals and objectives of the company.</p> |   |
| <b>Supervisory Engineer I (8++)</b>   | P.E. License required. Graduation from an accredited four-year college or university with major course work in engineering, plus 8+ years of engineering work experience acquired either before or after licensing as P.E.; 2 years of which were in a lead or supervisory capacity.  |
| <b>Supervisory Engineer II (10++)</b>   | P.E. License required. Graduation from an accredited four-year college or university with major course work in engineering, plus 10+ years of engineering work experience acquired either before or after licensing as P.E.; 2 years of which were in a lead or supervisory capacity. |
| <b>Supervisory Engineer III (12++)</b>  | P.E. License required. Graduation from an accredited four-year college or university with major course work in engineering, plus 12+ years of engineering work experience acquired either before or after licensing as P.E.; 2 years of which were in a lead or supervisory capacity. |
| <b>Supervisory Engineer IV (15++)</b>   | P.E. License required. Graduation from an accredited four-year college or university with major course work in engineering, plus 15+ years of engineering work experience acquired either before or after licensing as P.E.; 2 years of which were in a lead or supervisory capacity. |
| <b>Supervisory Engineer V (20++)</b>  | P.E. License required. Graduation from an accredited four-year college or university with major course work in engineering, plus 20+ years of engineering work experience acquired either before or after licensing as P.E.; 2 years of which were in a lead or supervisory capacity. |
| <b>Supervisory Engineer VI (25++)</b>   | P.E. License required. Graduation from an accredited four-year college or university with major course work in engineering, plus 25+ years of engineering work experience acquired either before or after licensing as P.E.; 2 years of which were in a lead or supervisory capacity. |

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| <p><b>Managing Engineer - Professional Engineer (P.E.)</b> License required, Texas P.E. preferred. Under nominal direction, accountable for planning, directing, and controlling resources required for the engineering, construction, and maintenance of major existing and future engineering projects. Typically is responsible for managing a division(s) within a department and personnel who are performing engineering functions.</p> |  |
| <b>Managing Engineer I (8++)</b>  | P.E. License required. Graduation from an accredited four-year college or university with major course work in engineering, or in a field related to the job, plus 8+ years of engineering work experience, 6 years of work experience acquired after licensing as P.E., 4 years of which were in a supervisory capacity.  |
| <b>Managing Engineer II (10++)</b>  | P.E. License required. Graduation from an accredited four-year college or university with major course work in engineering, or in a field related to the job, plus 10+ years of engineering work experience, 6 years of work experience acquired after licensing as P.E., 4 years of which were in a supervisory capacity. |
| <b>Managing Engineer III (12++)</b>   | P.E. License required. Graduation from an accredited four-year college or university with major course work in engineering, or in a field related to the job, plus 12+ years of engineering work experience, 6 years of work experience acquired after licensing as P.E., 4 years of which were in a supervisory capacity. |
| <b>Managing Engineer IV (15++)</b>  | P.E. License required. Graduation from an accredited four-year college or university with major course work in engineering, or in a field related to the job, plus 15+ years of engineering work experience, 6 years of work experience acquired after licensing as P.E., 4 years of which were in a supervisory capacity. |
| <b>Managing Engineer V (20++)</b>   | P.E. License required. Graduation from an accredited four-year college or university with major course work in engineering, or in a field related to the job, plus 20+ years of engineering work experience, 6 years of work experience acquired after licensing as P.E., 4 years of which were in a supervisory capacity. |
| <b>Managing Engineer VI (25++)</b>  | P.E. License required. Graduation from an accredited four-year college or university with major course work in engineering, or in a field related to the job, plus 25+ years of engineering work experience, 6 years of work experience acquired after licensing as P.E., 4 years of which were in a supervisory capacity. |