

## **Construction/Design Engineer Series**

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### **Classes in the Series**

<u>Class Code</u>	<u>Class Title</u>
04260	Construction/Design Engineer Associate
04261	Construction/Design Engineer
04262	Construction/Design Engineer Senior

### **Series Concept**

This is the unlicensed/non-registered technical engineering and architectural series for the Executive Branch. Agencies that elect to utilize this series must classify all positions in their agency that perform technical engineering/architectural duties in the Construction Design Engineers series, and may not use the Facility Engineers series. The primary duties and responsibilities of this series involve technical engineering work in the construction, maintenance, and operation of buildings, utilities, earthwork, and related facilities. The work includes inspecting existing facilities and related mechanical or electrical systems and equipment (including but not limited to sewer systems, heating plants, and water treatment operations) and preparing recommendations for repairs and improvements; preparing or reviewing designs and specifications for new facilities; and inspecting sites before, during, and upon completion of construction.

### **Exclusions**

Positions that perform specialized engineering duties (e.g., Environmental Engineers, Transportation Engineers, etc.) or are required to be a registered professional engineer or licensed architect with the state of Iowa (e.g., Facilities Engineers) are excluded from this series.

### **Class Distinctions**

#### **Construction/Design Engineer Associate**

This is the training level of the series where position incumbents work under the supervision of a professional engineer or architect and learn established engineering/architectural procedures, practices, standards, and methods of operation.

#### **Construction/Design Engineer**

This is the experienced level of the series where position incumbents perform technical engineering/architectural duties in the design, inspection, maintenance, and operation of engineering in the design, inspection, maintenance, and operation of various state-operated facilities. Position incumbents perform assignments within operational policies/guidelines established by the agency and function with limited supervision and oversight. Construction/design program management work is found at this level, and as a result, performance of any lead work duties would be included in the regular compensation.

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### **Construction/Design Engineer Senior**

At this level, position incumbents are responsible for the management of all or a major segment of an agency's facilities (buildings, utilities, earthwork, etc.) design, construction, and maintenance programs. They may serve as the primary liaison between the State and other parties involved in construction projects. Incumbents perform traditional program management duties (e.g., planning, budgeting, policy development, program evaluation, etc.) in addition to their technical engineering duties, and may oversee construction managers, contractors, or lower-level technical staff. As a result, performance of any lead work duties would be included in the regular compensation.

*Effective date: 06/14 SA*