

NON-CLINICAL ENGINEERING SERVICES:

BIOMEDICAL, GENERAL & SYSTEMS ENGINEERING

SYSTEMS ANALYST

Non-Clinical Occupational Series (OC2)				
Series	Labor Category	Description	Education	License/Certification
Engineering and Architecture (Series 0800 – 0899)				
0858	Biomedical Engineering	Biological sciences with engineering designs improve healthcare by developing engineering solutions for assessing, diagnosing, and treating various medical conditions. Wide range of applications including medical imaging, prosthetics, wearable technology, and implantable drug delivery systems.	Bachelors in engineering	<p>One Program Accredited by ABET or 2 include differential and integral calculus and courses in 5 of the following seven areas of engineering science or physics: (a) statics, dynamics; (b) strength of materials (stress-strain relationships); (c) fluid mechanics, hydraulics; (d) thermodynamics; (e) electrical fields and circuits; (f) nature and properties of materials (relating particle and aggregate structure to properties); and (g) any other comparable area of fundamental engineering science or physics, such as optics, heat transfer, soil mechanics, or electronics.</p> <p>For full list of requirements click here: https://www.opm.gov/policy-data-oversight/classification-qualifications/general-schedule-qualification-standards/0800/files/all-professional-engineering-positions-0800.pdf</p>
0801	General Engineering	Provide overarching professional services focusing on engineering and/or architecture in all aspects of healthcare delivery processes/systems and ensure appropriate infrastructure, facilities and equipment are available for the medical mission.	Bachelors in engineering	<p>One Program Accredited by ABET or 2 include differential and integral calculus and courses in 5 of the following seven areas of engineering science or physics: (a) statics, dynamics; (b) strength of materials (stress-strain relationships); (c) fluid mechanics, hydraulics; (d) thermodynamics; (e) electrical fields and circuits; (f) nature and properties of materials (relating particle and aggregate structure to</p>

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Engineering and Architecture (Series 0800 – 0899)				
0800	Systems Analyst	<p>Perform data collection, modeling, analysis, documentation and product generation. Organize and translate data into information for studies, reports, and documentation. Conduct analyses, including defining parameters of requested data output and analysis. Collect, compile and assemble data for financial and analytical reports. Provide research support. Assist in preparation of reports, briefings, and documentation of deliverables.</p>	BA/BS Degree	Junior: 4 years Senior: 8 years
0800	Systems Engineer	<p>System engineers, also known as computer systems software, engineers, performs technical analytical studies of business processes and the potential transference of those processes into an ERP or making recommendations to align the VA's posture towards the best practices deployed in private and public entities.</p>	BA/BS Degree	Junior: 4 years Senior: 8 years