



BILL DE BLASIO
Mayor

DEPARTMENT OF CITYWIDE ADMINISTRATIVE SERVICES
BUREAU OF EXAMINATIONS

LISETTE CAMILO
Commissioner

NOTICE OF EXAMINATION

CIVIL ENGINEER

Exam No. 0156

AMENDED NOTICE - FEBRUARY 26, 2020

WHEN TO APPLY: From: January 8, 2020

To: January 28, 2020

APPLICATION FEE: \$82.00

If you choose to pay the application fee with a credit/debit/gift card, you will be charged a fee of 2.00% of the payment amount. This fee is nonrefundable.

The Notice of Examination is amended to change the Selective Certification code for Energy Management (Extensive) from EMV to EMX.

YOU ARE RESPONSIBLE FOR READING THIS ENTIRE NOTICE BEFORE YOU SUBMIT YOUR APPLICATION.

WHAT THE JOB INVOLVES:

This class of positions encompasses professional civil engineering work of varying degrees of difficulty and responsibility. There are three Assignment Levels within this class of positions.

At Assignment Level I: Civil Engineers, under general supervision, perform responsible supervisory work, or difficult and responsible work in civil engineering. They perform the usual duties of a section engineer in charge of a major design section, major field engineering section, or the equivalent; plan, assign and review the work of subordinates, prepare progress reports, and may represent an agency in relations with City agencies, contractors and their representatives, damage claimants, consultants or their representatives, and the general public; engage in, or supervise the conducting of complex and important research, investigations, studies or examinations related to the engineering functions or activities of a department or agency; prepare, or supervise the preparation of, the basic design plan, or significant or complex portions thereof, for major projects for construction, remodeling, operation, maintenance or repair of public works, structures or installations; make interpretative detail sketches or layouts of intricate or fundamental portions or aspects of the basic design plan as proposed or adopted, and prepare maps, designs, plans, contract and working drawings, contract specifications, and other technical specifications; supervise the conducting of field survey and construction inspection operations to secure compliance with contract and other specifications, or the inspection of the construction, demolition or alteration of structures to secure compliance with building codes, zoning resolutions and other pertinent statutes, rules and regulations; prepare reports on contracts and contract estimates, contract modifications, and recommendations of award; participate in the development of proposals of major engineering projects with regard to the acquisition, disposition, or the public or private use of City property, or the conducting of surveys, or the construction, operation or maintenance of public works, plants or structures; participate in engineering investigations of claims for direct or indirect damages; supervise the inspection or testing in a laboratory, manufacturer's plant, or on a job site, of equipment and materials to be incorporated in public works, plants or structures; supervise the operation and maintenance of public works and the preparation of recommendations for alterations or repairs; when assigned in writing, may sign and seal engineering and other official documents. Civil Engineers may operate a motor vehicle. All Civil Engineers perform related work.

Some of the physical activities performed by Civil Engineers and environmental conditions experienced are: walking to and from inspection sites and during the course of inspections; climbing and descending ladders or stairs to get to areas to be inspected; standing on scaffolds to inspect work; standing for an extended period of time; bending and stooping during inspections; working in confined areas; distinguishing colors; wearing protective equipment, such as hard hats; climbing over and around various objects; walking in areas that may be damp, dark, smoky or acrid; working and walking in areas that are under construction and outdoors in all kinds of weather; must be able to lift at least 20 pounds of equipment when required.

Special Working Conditions:

Civil Engineers may be required to work various shifts including nights, Saturdays, Sundays, and holidays. (This is a brief description of what you might do in this position and does not include all the duties of this position.)

THE SALARY:

The current minimum salary is \$67,757 per annum. This rate is subject to change. There are three assignment levels within this class of positions. Appointments will generally be made to Assignment Level I. After appointment, employees may be assigned to the higher assignment levels at the discretion of the agency.

READ CAREFULLY AND SAVE FOR FUTURE REFERENCE

HOW TO QUALIFY:

You are responsible for determining whether or not you meet the education and experience requirements for this examination prior to submitting your application. If you are found "Not Qualified," your application fee will not be refunded and you will not receive a score.

The education and license requirement must be met by January 31, 2020. The experience requirement must be met by the last day of the Application Period (January 28, 2020). You will **not** receive credit for education and licenses which you obtain after January 31, 2020 or experience which you obtain after the end of the Application Period (January 28, 2020).

License, Education and Experience Requirements:

A valid New York State Professional Engineer's License **and either**:

- (1) A master's degree in civil engineering from an accredited college or university and three (3) years of full-time, satisfactory experience in civil engineering work; **or**
- (2) Four (4) years of full-time, satisfactory experience in civil engineering work.

Note: A degree in any other engineering area, or in any engineering technology area, is not acceptable.

Current New York State registration as a Professional Engineer must be maintained for the duration of your employment.

The college or university must be accredited by regional, national, professional, or specialized agencies recognized as accrediting bodies by the U.S. Secretary of Education and by the Council for Higher Education Accreditation (CHEA).

If you were educated outside the United States, you must have your foreign education evaluated to determine its equivalence to education obtained in the United States. This is required only if you need credit for your foreign education in this examination. For more information, see the Foreign Education Evaluation Guide in the Required Information section.

During the Education and Experience Exam (EEE), you may answer questions about your experience. If your experience was on a part-time basis working less than 35 hours per week, you will need to convert your part-time experience to full-time experience using the formula below. Once you have determined your full-time experience equivalent, use this amount to answer questions about your experience.

$(\text{number of hours worked per week}/35) \times (\text{number of months worked})$

For example, if you worked at a job for 21 hours per week for 12 months, you would make the following calculation: $21/35 \times 12 = 7.2$ months.

Experience used to meet the minimum requirements cannot be used to gain additional credit.

You have until midnight Eastern time on the last day of the Application Period (January 28, 2020) to clearly specify in detail all of your relevant education, license, registration, and experience and Final Submit your Education and Experience Exam in the Online Application System (OASys). Once you Final Submit your Education and Experience Exam in OASys, you will not be permitted to submit new or additional information on your Education and Experience Exam online.

If you do not Final Submit your Education and Experience Exam in OASys by midnight Eastern time on the last day of the Application Period (January 28, 2020), your examination will be considered incomplete, you will not be entitled to the appeals process, you will not receive a score, you will not be invited to subsequent portions of this examination, if applicable, and your application fee will not be refunded.

If you are seeking credit for your valid New York State Professional Engineer's License, enter the date you originally received the Registration on your Profile page at the time of completing your examination.

Residency: City residency is not required for this position.

English Requirement:

You must be able to understand and be understood in English.

Proof of Identity:

Under the Immigration Reform and Control Act of 1986, you must be able to prove your identity and your right to obtain employment in the United States prior to employment with the City of New York.

HOW TO APPLY:

If you believe you meet the requirements in the "How to Qualify" section, apply using the Online Application System (OASys) at www.nyc.gov/examsforjobs. Follow the onscreen application instructions for electronically submitting your application and payment and completing any required information. A unique and valid email address is required to apply online. Several internet service providers, including but not limited to Google, Yahoo!, AOL, Outlook.com, and Mail.com offer free email addresses. **All new OASys accounts require verification before a candidate can apply to ensure the accuracy of candidate information. Verification is instantaneous for most accounts and you will receive a confirmation email with instruction to activate your account. For any account creation issues, you will receive onscreen prompts to contact DCAS. This review may require up to two (2) business days to be reviewed and resolved. Please keep this information and the application period deadline in mind when creating your account.**

The following methods of payment are acceptable: major credit card, bank card associated with a bank account, or a prepaid debit card with a credit card logo which you may purchase online or at various retail outlets. If you are receiving or participating in certain forms of public assistance/benefits/programs, or are a veteran, you may qualify to have the application fee waived. For more information on eligibility for a fee waiver and documentation requirements visit the Fee Waiver FAQ on the Online Application System at: <http://a856-exams.nyc.gov/OASysWeb/Home/FAQ>. **Beginning in January 2020, the Online Applications System will no longer be supported on Windows 7 or earlier versions of Windows operating systems.**

You may come to the DCAS Computer-based Testing & Applications Centers to apply for this examination online and submit a money order payable to DCAS (Exams) or to submit documentation for a fee waiver. The centers will be open Monday through Saturday from 9:00 AM to 5:00 PM:

Manhattan

2 Lafayette Street
17th Floor
New York, NY 10007

Brooklyn

210 Joralemon Street
4th Floor
Brooklyn, NY 11201

Queens

118-35 Queens Boulevard
5th Floor
Forest Hills, NY 11375

Staten Island

135 Canal Street
3rd Floor
Staten Island, NY 10304

Bronx

1932 Arthur Avenue
2nd Floor
Bronx, NY 10457

The DCAS Computer-based Testing & Applications Centers will be closed on Saturday, January 18, 2020 and Monday, January 20, 2020.

Special Circumstances Guide: This guide is located on the DCAS website at www1.nyc.gov/assets/dcas/downloads/pdf/employment/pdf_c_special_circumstances_guide.pdf and available at the DCAS Computer-based Testing & Applications Centers. This guide gives important information about claiming Veterans' or Legacy credit, and notifying DCAS of a change in your mailing address. Follow all instructions on the Special Circumstances Guide that pertain to you when you complete your "Application for Examination."

REQUIRED INFORMATION:

- 1. Application for Examination:** Follow the online instructions, including those relating to the payment of fee and, if applicable, those found in the Special Circumstances Guide.
- 2. Education and Experience Exam:** Follow the instructions displayed onscreen to answer the questions. You will have until midnight Eastern time on the last day of the Application Period (January 28, 2020) to clearly specify in detail all of your relevant education, license, registration, and experience and Final Submit your Education and Experience Exam in the Online Application System (OASys). Once you Final Submit your Education and Experience Exam in OASys, you will not be permitted to submit new or additional information on your Education and Experience Exam online. If you do not Final Submit your Education and Experience Exam in OASys by midnight Eastern time on the last day of the Application Period (January 28, 2020), your examination will be considered incomplete, you will not be entitled to the appeals process, you will not receive a score, you will not be invited to subsequent portions of this examination, if applicable, and your application fee will not be refunded.
- 3. Foreign Education Evaluation Guide: (Required only if you need credit for your foreign education to meet the education and experience requirements):** If you were educated outside the United States, you must have your foreign education evaluated to determine its equivalence to education obtained in the United States. The services that are approved to make this evaluation are listed on the Foreign Education Evaluation Guide located on the DCAS website at <https://www1.nyc.gov/assets/dcas/downloads/pdf/employment/foreigneducation.pdf>. When you contact the evaluation service, ask for a "**document-by-document**" (**general**) evaluation of your foreign education. You must have one of these services submit its evaluation of your foreign education directly to the Department of Citywide Administrative Services no later than eight weeks from the last day of the Application Period (January 28, 2020).

THE TEST:

Your score will be determined by a license, education, and experience test. You will receive a score of 70 points for meeting the license, education, and experience requirements listed in the "How to Qualify" section. After these requirements are met, you will receive additional credit up to a maximum of 100 points on the following basis:

If you have satisfactory full-time experience performing civil engineering work subsequent to receiving a New York State Professional Engineer's License for:

You will receive:

At least 1 year but less than 2 years	Up to 5 points
At least 2 years but less than 3 years	Up to 10 points
At least 3 years but less than 4 years	Up to 15 points
At least 4 years but less than 5 years	Up to 20 points
At least 5 years but less than 6 years	Up to 25 points
6 or more years	Up to 30 points

During the Education and Experience Exam (EEE), you may answer questions about your experience. If your experience was on a part-time basis working less than 35 hours per week, you will need to convert your part-time experience to full-time experience using the formula below. Once you have determined your full-time experience equivalent, use this amount to answer questions about your experience.

(number of hours worked per week/35) x (number of months worked)

For example, if you worked at a job for 21 hours per week for 12 months, you would make the following calculation: 21/35 X 12 = 7.2 months.

Experience used to meet the minimum requirements cannot be used to gain additional credit.

You have until midnight Eastern time on the last day of the Application Period (January 28, 2020) to clearly specify in detail all of your relevant education, license, registration, and experience and Final Submit your Education and Experience Exam in the Online Application System (OASys). Once you Final Submit your Education and Experience Exam in OASys, you will not be permitted to submit new or additional information on your Education and Experience Exam online.

If you do not Final Submit your Education and Experience Exam in OASys by midnight Eastern time on the last day of the Application Period (January 28, 2020), your examination will be considered incomplete, you will not be entitled to the appeals process, you will not receive a score, you will not be invited to subsequent portions of this examination, if applicable, and your application fee will not be refunded.

CHANGE OF MAILING AND/OR EMAIL ADDRESS:

It is critical that you promptly notify DCAS of any change to your mailing address, email address and/or phone number. If we do not have your correct mailing address, email address and/or phone number, you will not receive information about your exam(s), consideration for appointment and/or important information that may require a response by a specified deadline. If you need to update your Mailing Address, Email Address, and/or Telephone Number, read below:

- City Employees - update this information in NYCAPS Employee Self-Service (ESS) at www.nyc.gov/ess.
- All Others - update this information on your Profile page in the Online Application System (OASys) by logging into your OASys account and navigating to your Dashboard, then your Profile tab at www.nyc.gov/examsforjobs.
- Submit a written request in-person or by mail: DCAS, 1 Centre Street, 14th Floor, New York, NY 10007 or bring in person to the same address Monday through Friday from 9AM to 5PM. Your written request must include your full name, social security number, exam title(s), exam number(s), previous mailing and/or email address, and your new mailing and/or email address.

CHANGE OF NAME AND/OR SOCIAL SECURITY NUMBER:

Use the Data Correction Form and follow all instructions for changing your name and/or social security number with DCAS. The following link will provide you with the DCAS Data Correction Form: <https://www1.nyc.gov/assets/dcas/downloads/pdf/employment/dp148a.pdf>.

THE TEST RESULTS:

If you pass the education and experience exam, your name will be placed in final score order on an eligible list, you will be given a list number and you will be notified by mail of your test results. The eligible list determines the order by which candidates will be considered for appointment. If you meet all requirements and conditions, you will be considered for appointment if your name is reached on the eligible list. Once a list has been established, it will typically remain active for four years. To learn more about the civil service system go to: <https://www1.nyc.gov/site/dcas/employment/civil-service-system.page>.

ADDITIONAL INFORMATION:

Selective Certification for Motor Vehicle Driver License (MVO): If you have a motor vehicle Driver License that is valid in the State of New York, you may be considered for appointment to positions requiring this license through a process called Selective Certification. If you qualify for Selective Certification, you may be given preferred consideration for positions requiring this license. If you wish to apply for this Selective Certification, follow the onscreen instructions when completing the Education and Experience Exam to indicate your interest in such Selective Certification and Final Submit it in the Online Application System (OASys). Your motor vehicle Driver License will be checked by the appointing agency at the time of appointment. **If you are appointed through Selective Certification, you must maintain your motor vehicle Driver License for the duration of your employment.**

If you have certifications in one or more of the areas listed below, you may be considered for appointment to positions requiring these certifications through a process called Selective Certification. If you qualify for Selective Certification, you may be given preferred consideration for positions requiring these certifications. If you wish to apply for this Selective Certification, follow the onscreen instructions when completing the Education and Experience Exam to indicate your interest in such Selective Certification and Final Submit it in the Online Application System (OASys). **Your certifications and credentials will be checked by the appointing agency at the time of appointment.**

1. Selective Certification for Energy Management (Foundational) (EMF): If you have a valid Certified Energy Manager ("CEM") certification from the Association of Energy Engineers ("AEE"), you may receive preferred consideration for relevant positions.

2. Selective Certification for Energy Management (Extensive) (EMX): If you have a valid Certified Energy Manager ("CEM") certification from the Association of Energy Engineers ("AEE") and at least one of the following valid certifications from AEE, you may receive preferred consideration for relevant positions: Certified Energy Auditor ("CEA"), Certified Building Commissioning Professional ("CBCP"), or Certified Measurement and Verification Professional ("CMVP").

3. Selective Certification for Energy Auditing (ENA): If you have at least one of the following valid certifications, you may receive preferred consideration for relevant positions: Certified Energy Manager ("CEM") certification from the Association of Energy Engineers ("AEE"), Certified Energy Auditor ("CEA") certification from AEE, High-Performance Building Design Professional ("HBDP") certification from the American Society of Heating, Refrigerating and Air Conditioning Engineers ("ASHRAE"), Building Energy Assessment Professional ("BEAP") certification from ASHRAE, or Multi-Family Building Analyst ("MFBA") certification from the Building Performance Institute ("BPI").

4. Selective Certification for Building Commissioning (BDC): If you have at least one of the following valid certifications, you may receive preferred consideration for relevant positions: Existing Building Commissioning Professional ("EBCP") certification from the Association of Energy Engineers ("AEE"), Certified Building Commissioning Professional ("CBCP") certification from AEE, or Certified Commissioning Authority ("CxA") certification from AABC Commissioning Group ("ACG").

5. Selective Certification for Sustainability (SUS): If you have at least one of the following valid credentials, you may receive preferred consideration for relevant positions: LEED Green Associate ("LEED GA") accreditation from the U.S. Green Building Council ("USGBC"), LEED Accredited Professional accreditation from the USGBC with specialization in Building Design + Construction or Operations + Maintenance ("LEED AP BD+C" or "LEED AP O+M"), or Environmental Sustainability Professionals ("ENV SP") certification from the Institute for Sustainable Infrastructure ("ISI").

6. Selective Certification for Energy Management (Foundational) and Sustainability (EFS): If you have a valid Certified Energy Manager (“CEM”) certification from the Association of Energy Engineers (“AEE”) and at least one of the following valid credentials, you may receive preferred consideration for relevant positions: LEED Green Associate (“LEED GA”) accreditation from the U.S. Green Building Council (“USGBC”), LEED Accredited Professional accreditation from the USGBC with specialization in Building Design + Construction or Operations + Maintenance (“LEED AP BD+C” or “LEED AP O+M”), or Environmental Sustainability Professionals (“ENV SP”) certification from the Institute for Sustainable Infrastructure (“ISI”).

Selective Certification For Special Experience:

If you have special experience in one or more of the areas listed below, you may be considered for appointment to positions requiring this experience through a process called Selective Certification. If you qualify for Selective Certification, you may be given preferred consideration for positions requiring this experience. If you wish to apply for this Selective Certification, follow the onscreen instructions when completing the Education and Experience Exam to indicate your interest in such Selective Certification and Final Submit it in the Online Application System (OASys). **Your experience will be checked by the appointing agency at the time of appointment.**

1. Selective Certification for Positions Requiring Environmental Experience (EEX) (Department of Environmental Protection only): At least six months of full-time, satisfactory experience in civil engineering in wastewater treatment, sanitary engineering, water treatment, landfill design/construction, and/or ground water treatment.

2. Selective Certification for Positions Requiring Sewer and/or Water Experience (ESW) (Department of Environmental Protection only): At least six months of full-time, satisfactory experience in civil engineering for sewers, sewer collection systems, water, and/or water distribution systems for developing, implementing, rehabilitating, usage projection, planning, and/or managing the engineering of improvement projects, including conceptual design through detailed construction design, preparation of contract documents, construction services, and regulatory permitting.

3. Selective Certification for Positions Requiring Tunnel Experience (TUN) (Department of Environmental Protection only): At least six months of full-time, satisfactory experience in civil engineering tunnel work.

4. Selective Certification for Positions Requiring Bridge Experience (BRS) (Department of Transportation only): At least one year of full-time, satisfactory experience in bridge related work, i.e. design, construction, maintenance and/or inspection of bridges.

5. Selective Certification for Positions Requiring Traffic Experience (TRC) (Department of Transportation only): At least six months of full-time satisfactory experience in civil and transportation engineering including, but not limited to, studies for the design and cost estimation for: development, maintenance and protection of traffic controls; preliminary construction cost estimation; installation and maintenance of traffic surveillance cameras; vehicle detection systems; dynamic message signs and other transportation related technologies; designing municipal parking field layouts; traffic signals, intelligent transportation systems (ITS), street lighting infrastructure, engineering blocksides for municipal meter installation, removals, and relocations; traffic analysis; roadway geometric design and/or GIS and AutoCAD experience.

6. Selective Certification for Positions Requiring Code, Zoning, or Structural Building Assessment Experience (ARC) (Department of Buildings only): At least one year of full-time satisfactory experience in any of the following specialties: 1) NYC Construction Codes, 2) NYC Zoning Resolution Interpretation, 3) International Building Code or 4) Structural Building Assessment.

7. Selective Certification for Positions Requiring Crane Experience (CEC) (Department of Buildings only): At least one year of full-time satisfactory experience in crane operations, the design or review of plans and specifications for cranes, engineering investigations of crane incidents, and/or field assessments of stability and safety of cranes.

8. Selective Certification for Positions Requiring Experience Analyzing Greenhouse Gas Emissions (GHG): At least one (1) year of full-time, satisfactory experience conducting analysis, inventories, and/or verification of GHG emissions.

The above Selective Certification requirements may be met at anytime during the duration of the list. If you meet this requirement at some future date, please submit a request by mail to: DCAS Bureau of Examinations - Exam Development Group, 1 Centre Street, 14th Floor, New York, NY 10007. Please include the examination title and number, your social security number, and the Selective Certification you are requesting on your correspondence.

Application Receipt:

You will be emailed a receipt immediately after you have applied for the examination. If you do not receive this receipt, check "Junk", "Trash", or "Spam" folder for the primary email linked to your Online Application System (OASys) account. If you are unable to locate the email, you can view a summary of the notification email to you on your OASys Dashboard, then Notifications. If you are still unable to find the email, please email DCAS via the Contact feature available in OASys with a description of the issue and include the exam number and your profile number located on your Profile page. While on your Profile page, check that the email addresses you provided are correct and/or updated.

PENALTY FOR MISREPRESENTATION:

Any intentional misrepresentation on the application or examination may result in disqualification, even after appointment, and may result in criminal prosecution.

The General Examination Regulations of the Department of Citywide Administrative Services (DCAS) apply to this examination and are part of this Notice of Examination. They are posted at nyc.gov/dcas and copies are available at the DCAS Computer-based Testing & Applications Centers.

The City of New York is an Equal Opportunity Employer.
Title Code No. 20215; Engineering Occupational Group.

For information about other exams, and your exam or list status, call 212-669-1357.
Internet: nyc.gov/dcas