



ERIC L. ADAMS
Mayor

DEPARTMENT OF CITYWIDE ADMINISTRATIVE SERVICES
BUREAU OF EXAMINATIONS

DAWN M. PINNOCK
Commissioner

NOTICE OF EXAMINATION

ASSISTANT ELECTRICAL ENGINEER
Exam No. 3108

WHEN TO APPLY: From: June 7, 2023

APPLICATION FEE: \$68.00

To: June 27, 2023

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

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

WHAT THE JOB INVOLVES:

Assistant Electrical Engineers, under supervision, perform electrical engineering work of moderate difficulty and responsibility; may supervise subordinate employees. They supervise a small unit or group engaged in the performance of design, construction supervision, inspection and testing, or drafting and tracing work; engage in research, investigations, studies or examinations related to the engineering functions or activities of a department or agency; prepare designs, plans, contract and working drawings, contract specifications and other technical specifications, and estimates of quantities; review electrical engineering plans and designs for compliance with NYC codes which may include, but is not limited to, fire alarm and fire suppression systems; participate in, and may supervise, major inspection operations by observing, checking and certifying the installation of materials or equipment, and by attesting to the performance and the results of tests of materials and equipment in a laboratory, manufacturer's plant or on a job site; participate in, and may supervise, the inspection of premises and the construction, demolition or alteration of structures in connection with the issuance of certificates of occupancy or other requisite or pertinent permits and compliance with the provisions of law, rule or regulation; participate in, and may supervise, the operation and maintenance of public works and the preparation of recommendations for alterations or repairs; may operate a motor vehicle. All Assistant Electrical Engineers perform related work.

Special Working Conditions:

Assistant Electrical Engineers may be required to work various shifts including nights, Saturdays, Sundays, and holidays.

Some of the physical activities performed by Assistant Electrical Engineers and environmental conditions experienced are: walking to and from inspection sites and during inspections; climbing and descending ladders or stairs to get to areas to be inspected; standing for an extended period of time; bending and stooping during inspections; working in confined areas; distinguishing colors; wearing hard hat and high voltage safety gloves for various inspections; communicating orally; carrying clipboard and inspection forms; climbing around and over various objects; walking in areas that may be damp, dark, dusty, smoky or acid; working outdoors in all kinds of weather.

(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 \$62,370 per annum. This rate is subject to change.

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.

EDUCATION AND EXPERIENCE REQUIREMENTS:

1. A baccalaureate degree from an accredited college or university in electrical or electronic engineering **and** one year of full-time satisfactory experience in electrical engineering work; **or**
2. A baccalaureate degree from an accredited college or university **and** a Master's degree from an accredited college or university in electrical or electronic engineering.

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

The education requirement must be met by June 30, 2023. The experience requirement must be met by the last day of the Application Period (June 27, 2023).

READ CAREFULLY AND SAVE FOR FUTURE REFERENCE

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.

You have until midnight Eastern time on the last day of the Application Period (June 27, 2023) to clearly specify in detail all of your relevant education 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 (June 27, 2023), your examination will be considered incomplete, 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.

You will not receive credit for education which you obtain after June 30, 2023 or experience which you obtain after the end of the Application Period (June 27, 2023).

License Requirement: A Motor Vehicle Driver's License valid in the State of New York may be required for certain assignments. If required, this license must be maintained for the duration of your employment.

Residency Requirement Advisory:

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 an agency under the jurisdiction of the Commissioner, Department of Citywide Administrative Services.

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 instructions 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: <https://a856-exams.nyc.gov/OASysWeb/faqs>. **Effective January 2020, the Online Application System is no longer supported on Windows 7 or earlier versions of Windows operating systems.**

You may come to the DCAS Computer-based Testing & Application Centers to apply for this examination online. However, you must schedule a customer service appointment prior to your visit. Due to the COVID-19 pandemic, DCAS no longer permits walk-ins at DCAS sites. The centers will be open Monday through Friday 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 Monday, June 19, 2023.

To schedule a customer service appointment through OASys for an exam-related or eligible list-related inquiry, find **Exam #1889**, click **Apply**, and follow the instructions provided to reserve your appointment location, date, and time.

You must complete the entire application by midnight, Eastern Time, of the last day of the application period. If you have questions about applying for this examination, you may contact DCAS at OASys@dcas.nyc.gov.

Special Circumstances Guide: This guide is located on the DCAS website at https://www1.nyc.gov/assets/dcas/downloads/pdf/employment/pdf_c_special_circumstances_guide.pdf and available at the DCAS Computer-based Testing & Application 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:** Fill out all the required sections displayed onscreen (if applicable). You will have until midnight Eastern time on the last day of the Application Period (June 27, 2023) to clearly specify in detail all of your relevant education and experience on your Education and Experience Exam and submit it in the Online Application System (OASys).

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 (June 27, 2023), your examination will be considered incomplete, 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 in this examination):** 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 which is 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 (June 27, 2023).

THE TEST:

Your score will be determined by an Education and Experience Exam. You will receive a score of 70 points for meeting the education and experience requirements listed above. After these requirements are met, you will receive additional credit up to a maximum of 100 points on the following basis:

<u>If you have satisfactory full-time experience in electrical engineering work performed subsequent to receiving a baccalaureate degree in electrical or electronic engineering from an accredited college or university for:</u>	You will receive up to:
At least 6 months but less than 12 months	2.5 points
At least 12 months but less than 18 months	5 points
At least 18 months but less than 24 months	7.5 points
At least 24 months but less than 30 months	10 points
At least 30 months but less than 36 months	12.5 points
At least 36 months but less than 42 months	15 points
At least 42 months but less than 48 months	17.5 points
At least 48 months but less than 54 months	20 points
At least 54 months but less than 60 months	22.5 points
At least 60 months but less than 66 months	25 points
At least 66 months but less than 72 months	27.5 points
72 months or more	30 points

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

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: $21/35 \times 12 = 7.2$ months.

You have until midnight Eastern time on the last day of the Application Period (June 27, 2023) to clearly specify in detail all of your relevant education 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 (June 27, 2023), your examination will be considered incomplete, 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.

You will not receive credit for education which you obtain after June 30, 2023 or experience which you obtain after the end of the Application Period (June 27, 2023).

CHANGE OF MAILING ADDRESS, EMAIL ADDRESS, AND/OR TELEPHONE NUMBER:

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 by email at OASys@dcas.nyc.gov, by fax (646) 500-7190, or by regular mail: DCAS, 1 Centre Street, 14th Floor, New York, NY 10007. 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, and/or new telephone number.

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 email 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>.

If you believe that your test part was rated incorrectly, you may submit an appeal of your score to DCAS, Committee on Manifest Errors, through the Online Application System (OASys). Your appeal must give specific reasons why your score should be higher. Your appeal may result in a higher or lower rating.

To access the appeal portal of OASys, please log into your OASys account at www.nyc.gov/examsforjobs and use the following steps:

1. Navigate to the Dashboard for the Appeals tab.
2. Click the NEW APPEAL button to create and submit your appeal.
3. Select the exam from the Exam drop-down list, and
4. Select the exam part from the Exam Part drop-down list.
5. Select the reason for your appeal from the Appeal Reason drop-down list (if applicable).
6. Enter the details of your appeal by providing specific reasons why your score should be higher.

ADDITIONAL INFORMATION:

Selective Certification for Special Experience, Certifications or License: If you have the experience, certifications and/or license listed in one or more of the areas below, you may be considered for appointment to positions requiring this experience, certifications and/or license through a process called Selective Certification. If you qualify for Selective Certification, you may be given preferred consideration for positions requiring this experience, certifications and/or license. If you wish to apply for 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, certifications and/or license will be checked by the appointing agency at the time of appointment.

Selective Certification for Driver License (MVO): A motor vehicle Driver License that is valid in the State of New York. If you are appointed through Selective Certification, you must maintain your motor vehicle Driver License for the duration of your employment.

Selective Certification for Positions Requiring Subway and Railroad Experience (SUB): At least 6 (six) months of full-time satisfactory experience in electrical engineering for subway or railroad.

Selective Certification for Positions Requiring Traffic Experience (TEE): At least 6 (six) months of full-time satisfactory experience in electrical engineering in the design, installation, and maintenance of traffic surveillance cameras, vehicle detection systems, dynamic message signs, and other transportation-related technologies.

Selective Certification for Experience in Energy Conservation and Efficiency (ECE): At least one (1) year of full-time, satisfactory experience in enforcing the New York City Energy Conservation Code (NYCECC), analysis of property's energy usage, and/or building energy audits.

Selective Certification for Positions Requiring Energy Management (Foundational) (EMF): Possession of a valid Certified Energy Manager ("CEM") certification from the Association of Energy Engineers ("AEE").

Selective Certification for Positions Requiring Energy Management (Extensive) (EMX): Possession of 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: Certified Energy Auditor ("CEA"), Certified Building Commissioning Professional ("CBCP"), or Certified Measurement and Verification Professional ("CMVP").

Selective Certification for Positions Requiring Energy Auditing (ENA): Possession of at least one (1) of the following valid certifications: 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 ("ASH RAE"), Building Energy Assessment Professional ("BEAP") certification from ASH RAE, or Multi-Family Building Analyst ("MFBA") certification from the Building Performance Institute ("BPI").

Selective Certification for Positions Requiring Building Commissioning (BDC): Possession of at least one (1) of the following valid certifications: 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").

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

Selective Certification for Positions Requiring Energy Management (Foundational) and Sustainability (EFS): Possession of a valid Certified Energy Manager ("CEM") certification from the Association of Energy Engineers ("AEE") and at least one of the following valid credentials: LEED Green Associate ("LEED GA") accreditation from the U.S. Green Building Council ("USG BC"), 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 ("ENVSP") certification from the Institute for Sustainable Infrastructure ("ISI").

Selective Certification for Positions Requiring Sustainability (SUS): Possession of at least one (1) of the following valid credentials: LEED Green Associate ("LEED GA") accreditation from the U.S. Green Building Council ("USG BC"), LEED Accredited Professional accreditation from the USG BC 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 Positions Requiring Electrical Systems Experience (LHP): At least one (1) year of full-time, satisfactory experience in the design or examination of plans for electrical systems for light, heat, and/or power distribution for buildings and/or building equipment systems.

Selective Certification for Street Lighting and Traffic Signal Experience (TSE): At least six (6) months of satisfactory, full-time experience on street/roadway lighting and traffic signal design, survey, and drawings. This experience should include, but is not limited to using lighting design software such as Visual professional, AGI32 and Photometric tools.

Selective Certification for Municipal Government Experience (MGE): At least six (6) months of satisfactory, full-time experience working within a municipal government in a similar position, reviewing and designing street lighting infrastructure in a large urban environment.

Selective Certification for Positions Requiring Fire Protection Engineering Experience (FEE): At least one (1) year of satisfactory, full-time experience in designing, reviewing, or inspecting active (fire suppression systems), passive (fire and smoke barriers, space separation) fire protection features, fire alarm systems; or conducting fire simulations utilizing computational fluid dynamics simulated models to determine building performance fire scenarios and predict the behavior of various materials, structures, and processes to protect life and property.

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 e-mail to LMACustomerService@dcas.nyc.gov, or 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 full name, OASys Profile ID number, and the Selective Certification(s) you are requesting in 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" folders 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 & Application Centers.

The City of New York is an Equal Opportunity Employer.
Title Code No. 20310; Engineering Occupational Group

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