



ERIC L. ADAMS
Mayor

DEPARTMENT OF CITYWIDE ADMINISTRATIVE SERVICES
BUREAU OF EXAMINATIONS

DAWN M. PINNOCK
Commissioner

NOTICE OF EXAMINATION

INSTRUMENTATION SPECIALIST Exam No. 4058

WHEN TO APPLY: From: March 6, 2024

APPLICATION FEE: \$68.00

To: March 26, 2024

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:

At Assignment Level I, Instrumentation Specialists, under general supervision, install and set-up instruments, controls and telemetering equipment and related equipment; make periodic inspections of instrumentation and metering equipment and controls and report unusual malfunctions, perform routine preventive maintenance; dismantle and reassemble equipment for corrective maintenance or for replacement in whole or in part, may work with other personnel to facilitate the repair and replacement of components; operate testing and calibrating equipment such as the following: analog and digital multimeters, frequency meters, signal simulators for resistive temperature devices, millivolt, milliamp, frequency oscilloscope and pressure transmitters, chlorine residual analyzers, pH meters, vehicle exhaust emissions analyzers, and other diagnostic equipment; install, maintain, repair and perform other servicing routines required to assure continuous radio, phone and telemetry system operations; troubleshoot and configure equipment and systems, such as programmable logic controllers, telemetering systems and distributed control systems; troubleshoot and repair meteorological and/or air monitoring stations and their associated telemetering systems; troubleshoot and repair communications systems including, but not limited to telephone systems, public address systems, walkie talkies, repeaters and radio base stations; troubleshoot and repair radio frequency devices used for instrumentation and control; troubleshoot and repair control system equipment such as automatic chemical feed equipment, dissolved oxygen control equipment and automatic flow control devices; troubleshoot and repair fire alarm and security systems; make modifications and improvements in equipment, instrumentation and controls; read and interpret flow and wiring diagrams, plans and specifications, work on energized circuits, operating equipment and/or control systems; prepare instrumentation and control maintenance schedules and spare parts lists; act as liaison with vendors concerning replacement parts and system operation, modification and upgrading; install small piping and tubing where necessary; attend training to keep current with technology and equipment, as required; may oversee and train Instrumentation Specialist Trainees; keep records and maintain logs of work performed against daily, weekly and monthly assignment sheets and complete record of supplies and parts received and/or issued for job assignments; and drive a motor vehicle. All Instrumentation Specialists perform related work.

Special Working Conditions:

Instrumentation Specialists may be required to work various shifts including nights, Saturdays, Sundays, and holidays.

Some of the physical activities performed by Instrumentation Specialists and environmental conditions experienced are: being around hazardous gases; wearing protective clothing; climbing and descending ladders and stairways; standing for long periods of time; walking to and from repair sites; bending, crouching and kneeling; working on scaffolds; lifting and carrying heavy equipment; working in confined areas; working outdoors in all kinds of weather; working in areas that have high noise levels and may be damp, dark, dusty, dirty and/or acrid; and using equipment for fecal testing.

(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 \$58,615 per annum. This rate is subject to change. There are three assignment levels within this class of positions. Appointments will be made to Assignment Level I. After appointment, employees may be assigned to the higher assignment levels at the discretion of the agency.

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.

READ CAREFULLY AND SAVE FOR FUTURE REFERENCE

EDUCATION AND EXPERIENCE REQUIREMENTS:

1. An Associate degree in electrical construction and instrumentation, electrical engineering technology, mechanical engineering technology, electromechanical engineering technology, or electronic engineering technology from an accredited college or university **and** one (1) year of full-time satisfactory experience within the last ten years in the installation, maintenance and repair of electronic instrumentation and control systems, including microprocessors, and electrical and pneumatic instrumentation and control systems; **or**
2. Graduation from a trade, technical or vocational school approved by a State's Department of Education or a recognized accrediting organization with a major course of study in electrical, electronic, electromechanical or mechanical technology **and** three (3) years of full-time satisfactory experience as described in "1" above; **or**
3. A four-year high school diploma or its educational equivalent approved by a State's Department of Education or a recognized accrediting organization **and** four (4) years of full-time satisfactory experience as described in "1" above.

College education leading to a degree in one of the areas of study described in "1" above may be substituted only in "2" or "3" above for a maximum of three years of experience at the rate of 30 semester credits for one year of full-time satisfactory experience.

The education requirement must be met by June 30, 2024. The experience requirement must be met by the last day of the Application Period (March 26, 2024).

The high school diploma or its educational equivalent, trade school, technical school, or vocational school must be approved by a State's Department of Education or a recognized accrediting organization. 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 (March 26, 2024) 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 (March 26, 2024), 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, 2024 or experience which you obtain after the end of the Application Period (March 26, 2024).

Driver License Requirement: At the time of appointment, you must possess a motor vehicle driver license valid in the State of New York. If you have moving violations, license suspension(s) or an accident record, you may be disqualified. This license must be maintained for the duration of your employment.

Residency Requirement Advisory:

Under New York City Administrative Code Section 12-120, you might need to be a resident of the City of New York within 90 days of the date you are appointed to this position. Since residency requirements vary by title, appointing agency and length of service, consult the appointing agency's personnel office at the time of the appointment interview to find out if City residency is required.

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, 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

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:** Follow the instructions displayed onscreen to answer the questions. You will have until midnight Eastern Time on the last day of the Application Period (March 26, 2024) to clearly specify in detail all of your relevant education, registration, and experience and Final Submit your Education and Experience Exam 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 (March 26, 2024), 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 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 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 (March 26, 2024).

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:

If you have satisfactory full-time experience, within the last ten years, in the installation, maintenance and repair of electronic instrumentation and control systems (including microprocessors, and electrical and pneumatic instrumentation and control systems) for:	You will receive up to:
At least 6 months but less than 1 year	7.5 points
At least 1 year but less than 1 year and 6 months	15 points
At least 1 year and 6 months but less than 2 years	22.5 points
2 or more years	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.

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

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 must clearly specify in detail all of your relevant experience on your Education and Experience Exam and Final Submit it by the end of the Application Period. You will not receive credit for experience which you obtain after the end of the Application Period (March 26, 2024).

You have until midnight Eastern Time on the last day of the Application Period (March 26, 2024) 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 (March 26, 2024), 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.

Experience must be obtained by the last day of the Application Period (March 26, 2024).

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 Federal Communications Commission License for Radio Repairs (FCR): If you have a **Federal Communications Commission License for Radio Repairs**, 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 license will be checked by the appointing facility at the time of appointment. This license must be maintained for the duration of your**

employment.

The above Selective Certification requirement may be met at any time during the duration of the list. If you meet the Selective Certification requirement at some future date, please submit a request by email 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) 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.
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**For information about other exams, and your exam or list status, call 212-669-1357.
Internet: nyc.gov/dcas**