

Principal Engineering Aide (CAD) – Chautauqua County Government

Department of Public Facilities

Chautauqua County Department of Public Facilities is accepting applications for a Full-Time (40 hours/week) Principal Engineering Aide (CAD) position in the Falconer, NY office. A Principal Engineering Aide (CAD) is responsible for the performance of moderately difficult sub-professional engineering work including preparing drafting and design work using computer assisted drafting tools. This position differs from that of Senior Engineering Aide (CAD) by virtue of its higher degree of responsibility, independence and complexity of design. Principal Engineering Aide engages in the day-to-day implementation and supervision of projects. Work is performed under the general supervision of a Civil Engineer of a higher status. Direct supervision is exercised over a small group of Engineering Aides of lower levels. Does related work as required. Salary starts at \$25.18/hour plus benefits.

Typical Work Duties Include:

- Plans and designs projects of moderate size and complexity and determines needed materials for construction;
- Assists higher-level engineering staff with planning and designing projects of larger size and complexity;
- Digitally prepares engineering related drawings utilizing standard drafting techniques;
- Provides computerized support for hydro geological/geographical regional maps, topographical maps, cross sections, etc.
- Prepares cost and material estimates of construction projects;
- Assists a higher level Civil Engineer in the preparation of bid specifications;
- Assists in inspection of projects under construction;
- Determines recommended speed of curves, intersections, area speeds, linear speeds, and lay out placing of signs accordingly.

This position is being filled on a provisional basis pending the outcome of a future dated Civil Service examination for this title.

Chautauqua County Offers A Comprehensive Benefits Package Which Includes:

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| - Health Insurance (including Dental & Vision plan) | - 13 Paid Holidays |
| - Health Savings Account (partially funded by the County) | - Vacation & Sick Time |
| - Personal Days | |
| - NYSLERS Pension | - NYS Deferred Compensation |
| - Eligible for Federal Public Service Loan Forgiveness | - Wellness Program |

Must Meet Minimum Qualifications: Graduation from high school or possession of a high school equivalency diploma and either:

- A. Graduation from a regionally accredited or New York State Registered College with a Bachelor's degree in Engineering, Architecture or a closely related field and one (1) year of experience assisting in engineering work which shall have included use of a computer assisted drafting (CAD) system; OR
- B. Graduation from a regionally accredited or New York State Registered College with an Associate's degree in Engineering, Architecture or a closely related field and two (2) years' experience assisting in engineering work, at least one (1) year of which shall have included use of a computer assisted drafting (CAD) system; OR
- C. Six (6) years' experience assisting in engineering work, at least one (1) year of which shall have included use of a computer assisted drafting (CAD) system; OR
- D. A satisfactory equivalent combination of experience and training as defined by the limits of (A), (B) and (C) above, with one (1) year of experience equal to 30 semester credits.

NOTE: Successful completion of a college or technical school semester length course in computer assisted drafting (CAD) may be substituted for the CAD work experience requirement stated above.

Application Process: Interested candidates must complete an original Chautauqua County Government Application for Employment/Examination available on the county's website: chqgov.com and **return it along with copy of your transcripts/degree**, to Chautauqua County Department of Human Resources, Gerace Office Building – Room 144, 3 North Erie St, Mayville, NY 14757 or email completed application (including signature) to Countyemploy@chqgov.com

Chautauqua County Government is an Equal Opportunity Employer