

CAREER AND TECHNICAL EDUCATION CERTIFICATE

Licensure Requirement Details

Agriculture, Teacher of #2501

Prepared by the Office Career and Technical Education

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INTRODUCTION

The following information is provided by the Department of Education to serve as a self-evaluation guide for individuals interested in applying for a career and technical education teaching certificate in the State of New Jersey using the alternate route program. The guide provides information about eligible degrees, employment experience, and self-employment experience that can be used to apply for a certificate. It also contains information regarding required state-issued licenses or credentials, when applicable. Note that this guide is not meant to be used to determine actual eligibility to apply, and it does not contain all of the requirements for an actual certificate application. For complete application information, visit the Office of Licensure and Credentials website at <http://www.nj.gov/education/educators/license/>. **Individuals who do not hold the required credentials listed on this detail page should consult Part F: Other Credentials.**

PART A: CAREER AND TECHNICAL EDUCATION CERTIFICATE AND PROGRAM

The holder of a **Teacher of Agriculture Certificate #2501** issued by the New Jersey Department of Education is a P-12 instructional certificate. Holders of this certificate are also eligible to teach all career and technical education programs organized under the Agriculture, Food and Natural Resources Career Cluster. Examples of eligible secondary career and technical education program offered by public school districts in the State of New Jersey are as follows:

- *Agricultural Business & Management, Program CIP Code #010101*
- *Agriculture, General, Program CIP Code #010000*
- *Agricultural Mechanization, Program CIP Code #010201*
- *Animal Science, Program CIP Code #010901*
- *Applied Horticulture/Horticulture Operations, Program CIP Code #010601*
- *Conservation & Natural Resources, Program CIP Code #030101*
- *Environmental Studies, Program CIP Code #030104*
- *Floriculture/Florist Operations & Management, Program CIP Code #010608*
- *Greenhouse Operation & Management, Program CIP Code #010604*

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- *Landscaping & Groundskeeping, Program CIP Code #010605*
- *Ornamental Horticulture, Program CIP Code #010603*
- *Pre-Veterinary Studies, Program CIP Code #511104*
- *Small Animal Care, Program CIP Code #010504*
- *Veterinary Assistant, Program CIP Code #010903*

PART B: REQUIRED STATE-ISSUED OCCUPATIONAL LICENSE OR CREDENTIAL

Currently, there are no State-mandated occupational licenses required for this teaching certificate.

PART C: APPLICATION FOR CERTIFICATE USING A DEGREE

Option 1: Bachelor's degree or higher

Applicants using this option must meet all of the following requirements, and should review the requirements prior to submitting an application. The requirements include the following:

- Possession of an eligible degree with an eligible grade point average (GPA)
- Successful completion of an examination in physiology, hygiene and substance abuse issues
- Successful completion of a 24-hour introduction to teaching course

Requirements:

1. Applicants must submit the following:

- a) An official, sealed copy of their transcript(s) for a bachelor's degree or higher in a Department-approved subject area for the certificate. Applicants must have completed at least 30 credits in a coherent sequence of courses in the subject area from a regionally accredited college or university. Examples of eligible subject areas include the following:
 - *Teacher of Agriculture*
 - *Agriculture Science*
 - *Plant Science*
 - *Animal Science*
 - *Environmental Science*
 - *Natural Conversation Science*
- b) The applicant's GPA must be 2.75 or higher. Applicants with a bachelor's degree or higher who graduate on or after September 1, 2004, with a GPA that is below 2.75 in a four-year degree program, but at least 2.50 when a GPA of 4.00 equals an A grade, are eligible to apply for the career and technical education certificate by submitting evidence of a minimum of two years (4,000 hours) of full-time employment or part-time employment as per the requirements of 1(a) – (c) in **PART D**, below.

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2. Applicants must pass an examination in physiology, hygiene and substance abuse issues pursuant to *N.J.A.C. 6A:9-5.9*, including the effects of narcotics and alcohol. The examination is administered at the county offices of education. In lieu of this examination, the applicant may present basic military training or college level study in areas such as biology, health or nutrition. To obtain details regarding this examination, contact a county office of education: <http://www.state.nj.us/education/counties/>
3. Applicants must complete a 24-hour introduction to teaching course through an authorized provider, which serves as an introduction to the teaching profession for those individuals who are exploring career options. Topics include classroom management, lesson planning, introduction to New Jersey core curriculum content standards, and assessment of pupil progress. To obtain information regarding this requirement, read the section titled, "New Requirement for Certificate of Eligibility," on the following website: <http://www.nj.gov/education/educators/license/advisories/applicant.htm>

Option 2: Associate's degree

A two-year degree is not an eligible option for this certificate. Applicants must apply under the requirement of **PART C, Option 1: Bachelor's Degree**, above.

PART D: APPLICATION FOR CERTIFICATE USING EMPLOYMENT EXPERIENCE

NOTICE: This employment option is available only to applicants with an approved degree listed under PART C, Option I, above, but who do not meet the GPA requirement identified under **PART C, Option I**. Individuals with employment experience only are not eligible to apply for this teaching certificate.

Applicants using this option must meet all of the following requirements, and should review the requirements prior to submitting an application. The requirements include the following:

- Possession and documentation of eligible employment experience*
- Successful completion of an examination in physiology, hygiene and substance abuse
- Successful completion of a 24-hour introduction to teaching course
- Possession of an eligible degree

***NOTICE:** The New Jersey Department of Education uses the federal Occupational Information Network (O*NET) as its standard for determining eligible employment experience. O*NET lists the following examples of employment experience that may be used for the **Teacher of Agriculture Career and Technical Education Certificate #2501**:

- 13-1021.00 - Purchasing Agents and Buyers, Farm Products
<http://online.onetcenter.org/link/summary/13-1021.00>
- 45-2021.00 - Animal Breeders
<http://online.onetcenter.org/link/summary/45-2021.00>
- 19-1011.00 - Animal Scientists
<http://online.onetcenter.org/link/summary/19-1011.00>

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- 45-1011.08 - First-Line Supervisors/Managers of Animal Husbandry and Animal Care Workers
<http://online.onetcenter.org/link/summary/45-1011.08>
- 29-1131.00 – Veterinarians
<http://online.onetcenter.org/link/summary/29-1131.00>
- 31-9096.00 - Veterinary Assistants and Laboratory Animal Caretakers
<http://online.onetcenter.org/link/summary/31-9096.00>
- 17-3025.00 - Environmental Engineering Technicians
<http://online.onetcenter.org/link/summary/17-3025.00>
- 45-2011.00 - Agricultural Inspectors
<http://online.onetcenter.org/link/summary/45-2011.00>
- 19-1012.00 - Food Scientists and Technologists
<http://online.onetcenter.org/link/summary/19-1012.00>
- 33-3031.00 - Fish and Game Wardens
<http://online.onetcenter.org/link/summary/33-3031.00>
- 45-4011.00 - Forest and Conservation Workers
<http://online.onetcenter.org/link/summary/45-4011.00>
- 11-9012.00 - Farmers and Ranchers
<http://online.onetcenter.org/link/summary/11-9012.00>
- 19-1032.00 – Foresters
<http://online.onetcenter.org/link/summary/19-1032.00>
- 11-9011.01 - Nursery and Greenhouse Managers
<http://online.onetcenter.org/link/summary/11-9011.01>
- 19-1031.01 - Soil and Water Conservationists
<http://online.onetcenter.org/link/summary/19-1031.01>

Requirements:

1. Applicants must submit evidence of at least two years (equivalent to 4,000 hours) of full-time or part-time employment in one or more of the job titles identified above or another related occupation.
 - a) The eligible employment experience must be within 10 years of the date of the application submitted to the New Jersey Department of Education. Employment experience that is older than 10 years will not be accepted.
 - b) The eligible employment experience must be documented by the applicant's employer(s) using the Department of Education's Statement of Employment Experience form. If the applicant's eligible employment experience was obtained from more than one employer during the period of time for which eligible hours will be calculated, then a separate Statement of Employment Experience form must be completed by each employer. Employment experience submitted in any other format will not be accepted. Applicants may download the Statement of Employment Experience form from the Department of Education's website at the following link:
http://www.nj.gov/education/educators/license/forms/voc_employer_experience.pdf

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- c) The employer(s) completing a Statement of Employment Experience form(s) will comment on the applicant's work performance and safety practices for the general occupational tasks, tools and technology as identified in the O*NET Job Description for the occupation (see O*NET Job Summary Link next to the list of occupations, above). Applicants will attach the list of O*NET tasks, tools and technology to the Statement of Employment Experience form(s) prior to submitting the form(s) to an employer(s) for completion.
- d) Applicants must pass an examination in physiology, hygiene and substance abuse issues pursuant to N.J.A.C. 6A:9-5.9, including the effects of narcotics and alcohol. The examination is administered at the county offices of education. In lieu of this examination, the applicant may present basic military training or college-level study in areas such as biology, health or nutrition. To obtain details regarding this test, contact a county office of education: <http://www.state.nj.us/education/counties/>
2. Applicants must complete a 24-hour introduction to teaching course through an authorized provider, which serves as an introduction to the teaching profession for those individuals who are exploring career options. Topics include classroom management, lesson planning, introduction to New Jersey core curriculum content standards, and assessment of pupil progress. To obtain information regarding this requirement, read the section titled, "New Requirement for Certificate of Eligibility," on the following website: <http://www.nj.gov/education/educators/license/advisories/applicant.htm>
3. Applicants must submit to the Department an official, sealed copy of their transcript(s) for a bachelor's degree or higher in a Department-approved subject area for the certificate. Applicants must have completed at least 30 credits in a coherent sequence of courses in the subject area from a regionally accredited college or university.

PART F: SELF-EMPLOYMENT EXPERIENCE

Applicants using this option must meet all of the following requirements:

1. Submit evidence of at least 8,000 hours of self-employment experience.
2. The employment experience must be within 10 years of the date of application to the New Jersey Department of Education for the career and technical education certificate. Self-employment experience that is older than 10 years will not be accepted.
3. Submit a notarized letter from the applicant's accountant or attorney verifying the applicant's dates of self-employment and verifying that the applicant has filed for state and/or federal taxes using one of the following federal U.S. Census North American Industry Classification Systems (NAICS):
 - NAICS Code #11: Agriculture, Forestry, Fishing and Hunting
NAICS Website: <http://www.naics.com/naics11.htm>

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PART G: OTHER CREDENTIALS

Individuals who possess a degree not listed on this worksheet may submit their degree along with an application for a career and technical education certificate to the Department of Education, which will review the submission in order to determine eligibility. There is a fee associated with this service. However, the Department of Education does not guarantee that credentials submitted will be accepted by the Department of Education as satisfying the requirements for a career and technical education certificate. For more information, visit the Office of Licensure and Credentials homepage at <http://www.nj.gov/education/educators/license/>

PART H: MILITARY SERVICE/TROOPS TO TEACHERS

Individuals with military service may have obtained qualifying employment experience, education, and/or training during their military service via the New Jersey Troops to Teachers program. The Troops to Teachers program (TTT) assists eligible military personnel with the transition to a new career as public school teachers. The New Jersey TTT office will provide participants with counseling and assistance regarding certification requirements, routes to state teacher certification and employment leads. For information, contact the New Jersey Department of Education Troops to Teachers office at 800-680-0884 or e-mail tttnj@doe.state.nj.us
New Jersey Troops to Teachers Website: <http://www.nj.gov/njded/ttnj>

PART I: ARE YOU LOOKING FOR A TEACHING JOB IN NEW JERSEY?

Visit NJHire today, the New Jersey Department of Education's free education recruitment website. NJ HIRE Website: <http://www.njhire.com>