NORTH CAROLINA STATE BOARD OF EDUCATION
Policy Manual

Policy Identification
Priority: Twenty-first Century Professionals
Category: Licensure
Policy ID Number: TCP-A-001

Policy Title: Policies on General Licensure Requirements

Current Policy Date: ~~07/07/2016~~08/04/2016

Other Historical Information: 01/05/1997, 07/09/1998, 01/13/1999, 07/01/1999, 07/13/2000, 09/14/2000, 10/04/2001, 01/09/2003, 2/6/2003, 06/05/2003, 08/07/03, 09/11/2003, 11/22/2004, 5/05/2005, 6/30/2005, 8/04/2005, 10/06/2005, 11/03/2005, 12/1/2005, 01/05/2006, 05/04/2006, 06/01/2006, 07/06/2006, 01/04/2007, 11/06/2007, 12/06/2007, 02/07/2008, 04/03/2008, 09/11/2008, 10/02/2008, 12/04/2008, 04/02/2009, 04/02/2009, 11/05/2009, 01/07/2010, 06/03/2010, 08/04/2011, 02/02/2012, 06/06/2012, 06/04/2015, 07/09/2015, 06/02/2016, 07/07/2016

Statutory Reference: G.S.§ 115C-296 Section 8.(a)

Administrative Procedures Act (APA) Reference Number and Category:

1.00 Licensure Required
Any person employed by a Local Education Agency (LEA) in a professional educator position must hold a professional educator's license. In addition, all persons teaching core academic subjects at the elementary, middle school, or high school levels must be "highly qualified" as specified by sections 1.01 and 1.02 below. Each applicant shall file an application in the form prescribed by the Licensure Section with appropriate supporting documentation and the required processing fee.

1.1 Highly Qualified Teachers Defined
The term "core academic subjects" means English, reading or language arts, mathematics, science, foreign languages, civics and government, economics, arts, history, and geography.

To be a "highly qualified teacher" at the elementary school level a teacher must have obtained an appropriate license for the core academic subjects taught and demonstrate subject knowledge and teaching skills in reading/language arts, writing, mathematics, and other areas of the basic elementary school curriculum by passing the North Carolina State Board of Education (NCSBE) approved exams required for the license according to the testing requirements outlined in the NC state statutes.

To be a "highly qualified teacher" at the middle and high school levels a teacher must have obtained a middle school or secondary license in a teaching area required for each teaching assignment and demonstrate a high level of competency by:

1) Passing the required NCSBE approved test(s) in each academic subject in which the teacher teaches according to the testing requirements outlined in NC state statutes; or
2) Successfully completing in each academic subject in which the teacher teaches
      (a) An undergraduate major; or
      (b) Coursework equivalent to an undergraduate major; or
      (c) graduate degree in the core teaching subject area(s); or
      (d) Master's level licensure or above in the appropriate subject area; or
      (e) BPTS certification in the related subject area(s).

To be a "highly qualified teacher" in an exceptional children's class or an ESL class, a teacher must have obtained the exceptional children's and/or ESL license required for the teaching assignment and demonstrate the subject knowledge and teaching skills in the content areas taught by passing the NCSBE approved exams required for the license according to the testing requirements outlined in NC state statutes. This applies to exceptional children's teachers and ESL teachers who are the teachers of record for core academic areas.

Teachers from other states who have been designated "highly qualified" in those states shall be designated "highly qualified" in North Carolina upon submission of documentation that they have been so designated. This documentation may be satisfactory test scores from the originating state, verification of satisfactory completion of the HOUSSE for the originating state, or verification of National Board Certification, as permissible by No Child Left Behind.

Teachers who are not "new to the profession" can use the North Carolina High Objective Uniform State Standard for Evaluation (HOUSSE) to establish they are "highly qualified" as required in PL 107-110 (No Child Left Behind). To be able to utilize the HOUSSE as a means of establishing a teacher is "highly qualified," the individual must have taught with a reciprocal state license, full-time for not less than six successive calendar months in one LEA, charter school, or non-public institution.

To be deemed "highly qualified" in a content area using the HOUSSE, all content standards must be "met," and the teacher must receive a satisfactory rating on the LEA validated performance evaluation. To meet a content standard, the teacher must be judged to have met 80% of the content indicators (with an indication of evidence[s] used for making judgments). Multiple indicators must be used.

ONLY trained evaluators are eligible to complete the NC HOUSSE. Evaluators must be "highly qualified" in the license area assessed. Upon successful completion of the HOUSSE, the LEA Superintendent or designated Personnel Administrator submits Licensure Form HQ to the Licensure Section.

1.2 Timelines for Meeting Highly Qualified Requirements

The above criteria apply to all new teachers beginning with the 2016-2017 school year. Beginning April 1, 2016 and extending to the end of the 2015-2016 school year, educators licensed in Elementary Education who have passed the Pearson Test for North Carolina: Foundations of Reading shall be deemed "highly qualified." Beginning with the 2016-2017 school year, all North Carolina initially licensed educators, including Elementary and EC General Curriculum educators, are required by NC General Statute to have attempted the NCSBE approved tests for the license area(s) at least once in their first year of teaching. Professional educator license holders shall pass all testing requirements for the license area(s) before or during the second year of teaching.,

Administrative

Superintendent
Principal
Curriculum Instructional Specialist
Instructional Technology Specialist-Computers

Media Supervisor
Career and Technical Education Director
Exceptional Children's Program Administrator

Student Services

Counselor
School Social Worker
School Psychologist
Instructional Technology Specialist-Telecommunications
Media Coordinator
Audiologist
Speech-Language Pathologist

Elementary

Birth-Kindergarten (B-K)
Preschool Add-on*
Elementary (K-6)
Elementary Second Language++
    Elementary (K-6) Math Add-on**
    Elementary (K-6) Science Add-on**
Reading (K-6)
English as a Second Language [ESL] (K-6)
Special Education: General Curriculum (K-6)
Special Education: Adapted Curriculum (K-6)

- Available only to teachers with current licenses in elementary education, special education, or family and consumer sciences.

- **Available upon completion of NC State Board of Of Education approved program offered by approved NC universities.

Middle Grades

Middle Grades Language Arts
Middle Grades Mathematics
Middle Grades Science
Middle Grades Social Studies

Middle Grades Literacy Coach**

** Available only to teachers who complete the NC Teacher Academy Middle School Literacy Coach Training Program

Secondary (9-12)

Special Subjects (K-12)

English (9-12)
Mathematics (9-12)
Science (9-12)
Earth Science (9-12)
Biology (9-12)
Physics (9-12)
Chemistry (9-12)
Social Studies (9-12)
Political Science (9-12)
Geography (9-12)
History (9-12)
Economics (9-12)
Sociology (9-12)
Anthropology (9-12)
French (9-12)
Spanish (9-12)
German (9-12)
Japanese (9-12)
Russian (9-12)
Latin (9-12)
Bible (9-12)
Journalism ++ (9-12)
Psychology ++ (9-12)
Italian ++ (9-12)
Chinese ++ (9-12)

Art (K-12)
Music (K-12) Dance
(K-12) Theater Arts
(K-12)
Health Specialist (K- 12)
Physical Education
(K-12)
Health and Physical
Education (K-12)
Safety and Driver
Education
Speech Communication
(K- 12)
ESL (K-12)
Reading (K-12)
American Sign
Language (K-12)
French (K-12) Spanish
(K-12) German (K-12)
Japanese (K-12)
Russian (K-12)
Computer
Education++ (K-12)
Junior ROTC

Career and Technical Education

Agricultural Education
Business and Information Technology Education
    Network Administration
    Computer Programming++
    Project Management++
Career Development Coordinator
Career and Technical Education Director
Family and Consumer Sciences
    Apparel and Textiles
    Child Development, Family Studies
    Food and Nutrition, Culinary Arts
    Interior Design/Housing
    Project Management++
Health Occupations
    Registered Nurse
    Non-RN Allied Health/Medical Professional
    Biotechnology Professional
    Project Lead the Way (PLTW) Biomedical Sciences++
Information Technology
Instructional Management Coordinator (formerly VoCATS)
Marketing Education
    Computer Programming++
    Project Management++
Special Populations Coordinator
Technology Education
    Principles of Technology++
    Scientific and Technical Visualization++

Exceptional Children

Cross Categorical
(mildly/moderately
disabled)
Severely/Profoundly
Disabled Mentally
Disabled Visually
Impaired
Behaviorally/Emot
ionally Disabled
Learning Disabled
Academically Gifted
Deaf and Hard of
Hearing
Special Education:
General Curriculum
Special Education:
Adapted Curriculum

Project Lead the Way
(PLTW)++ Computer
Programming++
Game Art Design++
Project Management++
Construction
Masonry++
Construction
Carpentry++
Construction Electrical Trades++

Trade and Industrial Education
Automotive Service
Cabinetmaking/Furniture^
Carpentry
Collision Repair
Computer Engineering Technology^
Cosmetology^
Drafting
Digital Media/Programming Broadcasting
Electrical Trades
Electronics^
Electro-Mechanical Maintenance ^
Manufacturing
Masonry
Mechanical Systems (HVAC or Plumbing)^
Metals Manufacturing
Network Engineering Technology
Printing and Graphics^
Project Management++
Public Safety
Textiles^
Welding^
Work Development (formerly Industrial Cooperative Training)
Specialized

1.20 Types of Licenses

Licenses shall indicate grade levels, content areas and specialization in which the person is eligible for employment, as well as preparation and experience levels. Licenses shall be of the following types:

1) Teacher **-** A teacher license shall entitle the holder to teach in designated area(s) or specialization(s) at the elementary, middle, or secondary level. There shall be four levels of preparation for a teacher license:

   (a) Bachelor's Degree (A level);
   (b) Master's/Advanced Competencies (M level);
   (c) Advanced/Specialist (S level); and
   (d) Doctorate (D level)

2) A teacher license shall be categorized as elementary (B-K; K-6), middle grades (6-9), secondary (9-12), special subjects (K-12), or workforce development.

3) Effective July 1, 2016, there shall be two classifications of teacher licenses:

   (a) The Initial License, which is valid for three years, allows the teacher to begin practicing the profession on an independent basis in North Carolina. Beginning with the 2016-2017 school year, to be issued an initial license, an individual must complete an approved teacher education program, qualify for an initial lateral entry license, or qualify for an initial CTE license. All Standard Professional 1 licenses shall be deemed to be Initial licenses effective July 1, 2016.

   (b) The Continuing License, which is valid for five years, allows the teacher to serve on an on-going basis. A Continuing License must be renewed every five years.

4) A teacher shall not be required to prepare or submit a portfolio to receive an Initial license or a Continuing license. To convert an Initial license to a Continuing license, a teacher must complete all required coursework and achieve a passing score on all North Carolina State Board of Education approved exams required for the license area(s) within the established timeframe. Conversion from an Initial license to a Continuing license does not require the recommendation of the employing school system. Educators with fewer than three years of teaching experience, however, are required to continue participating in a Beginning Teacher Support Program regardless of their licensure status.

   A teacher's continuing license shall be renewed at the end of each five year term provided the teacher has completed all requirements put forth in G.S. § 115C-296(b)(1)(b):
   (a) all teachers who:

   (1) are employed by a local board of education;
   (2) possess a continuing license;
   (3) are in the final year of the 5-year renewal cycle;

   are not deemed proficient on the most recent final summative evaluation may be placed on a mandatory improvement plan and may therefore be eligible to receive an initial license; provided all other licensure requirements are met.

(b) a teacher who meets the criteria in paragraph (a) but who are not placed on a mandatory improvement plan by the employing agency shall be deemed to have an "expired" teaching license. A teacher whose license has expired pursuant to the provision in this section shall be eligible to apply for an Initial license upon receipt of official notification from the State Board of Education and after a 30-day waiting period.

(c) For the purposes of this policy, "proficient" shall be defined as achieving a rating of proficient, or higher, on three of the five standards of the NC Educator Evaluation System (NCEES) provided that the standard related to pedagogy (Standard IV in NCEES) is rated at the level of proficient, or higher. Teachers on an abbreviated evaluation plan must achieve a rating of proficient, or higher, on the standard related to pedagogy in order to be deemed "proficient".

(d) The term of the mandatory improvement plan shall be 90 instructional days for teachers in schools identified as low-performing and 60 instructional days for teachers in schools not identified as low-performing. Teachers who are placed on a mandatory improvement plan as a result of this policy shall be issued an Initial license provided the teacher meets other licensing requirements.

(e) Local education agencies (LEAs) that move to dismiss a teacher under the provisions of this policy must follow all due process procedures as outlined in G.S. § 155C-331 and G.S. § 155C-331.1. The reversion of a teacher's license from Continuing to Initial shall not be construed as a demotion or result in a reduction of the teacher's salary. At the end of the term of the Initial license (three years), a teacher may be eligible for a Continuing license.

Teachers who are fully licensed and highly qualified in another state AND who have three or more years of teaching experience in another state AND who meet NCSBE approved testing requirements OR have National Board Certification will be issued a Continuing License. The issuance of a Continuing license for out-of-state teachers is conditional on meeting the requirements of G.S. § 115C-296(b)(1) (see Section 1.21).

4)5) Student Services - A student services license shall entitle the holder to provide specialized assistance to the learner, the teacher, the administrator and the education program in general. This category shall include school counseling, school social work, school psychology, audiology, speech-language pathology, and media. There shall be three levels of preparation, except that school psychology shall be restricted to the sixth-year and doctorate levels, and school social work may be earned at the bachelor's level. Effective July 1, 2011, speech-language pathology is issued only by the North Carolina Board of Examiners for Speech and Language Pathologists and Audiologist (NCBOESLPA) at the master's and doctorate level:

(a) Master's Degree (M);
(b) Advanced/Specialist (S); and
(c) Doctorate (D)

Student services personnel who have completed an approved preparation program and satisfied NCSBE approved testing requirements are issued a Continuing License. Student services personnel who have completed an approved preparation program but not satisfied NCSBE approved testing requirements are issued an Initial License. When NCSBE approved testing requirements are satisfied, the license is converted to a Continuing License.

Student services personnel who are fully licensed in another state and meet NCSBE approved testing requirements or have National Board Certification will be issued a Continuing License.

Student services personnel who are fully licensed in another state and have three or more years of student services school experience in another state, but who have not met NCSBE approved testing requirements or earned National Board Certification will be issued an Initial License. After one year of student services experience in NC, the educator will be eligible for a Continuing license.

5)6)   Administrator/Supervisor – An administrator/supervisor license shall entitle the holder to serve in general and program administrator roles such as superintendent, assistant or associate superintendent, principal, assistant principal or curriculum-instructional specialist.   School administrator candidates who provide documentation of successful completion of a principal preparation program selected for a competitive grant by the State Education Assistance Authority (SEAA) shall be eligible for a North Carolina continuing principal license subject to character and fitness requirements.

There shall be three levels of preparation except that superintendent shall be restricted to the advanced and doctorate levels:

  (a) Master's Degree (M)
  (b) Advanced/Specialist Degree (S); and
  (c) Doctorate Degree (D)

The superintendent's license authorizes the holder to serve as superintendent and assistant (or associate) superintendent. There are two levels of preparation; advanced (sixth-year) or doctorate levels.

Requirements for a person to assume the position of superintendent of a local school administrative unit are as follows:

(i)   Must hold a North Carolina principal's certificate and superintendent's certificate issued under the authority of the State Board of Education. The principal's certificate must have an experience rating of P-01 or higher. This requirement will assure that a candidate for superintendent has served as a principal or has had an equivalent administrative experience at a level which would enable the certificate holder to receive one year of experience on a principal's certificate. Equivalent administrative experience includes employment as a superintendent, associate superintendent, assistant superintendent of a school administrative unit, headmaster of a non-public school with seven or more teachers, President or Vice President of institutions of higher education, dean or associate dean of a School of Education, President or Vice President of a community college or technical institute, and State level education administration with the State Department of Public Instruction at or above the Division Director's position;

or

(ii)   Must have earned at least a bachelor's degree from a regionally accredited college or university and have five years leadership or managerial experience considered relevant by the employing local board of education.

(iii)   Verification of appropriate credentials of a candidate for superintendent of a local school administrative unit must be completed by the Department of Public Instruction prior to election by a local board of education.

1.21 NC Teaching License for Out-of-State Educators

Pursuant to G.S. § 115C-296(b)(1), initial applicants for NC educator licensure who possess a valid, current n out-of-state teaching license shall providedemonstrate evidence of effectiveness by providing evaluation data, including student growth (where applicable), from the state in which the current license is held. Out-of-state applicants who provide these effectiveness data and who are employed with, or are recommended by, a NC public school shall be prioritized for review over out-of-state applicants who do not provide these effectiveness data as part of the application for initial NC licensure.

Out-of-state applicants who do not provide effectiveness data as part of their application for initial licensure in North Carolina shall only be eligible for an initial degreeInitial license (see Section 1.20 (1)(a). The employing agency (LEA or charter school) shall be responsible for verifying to NCDPI the receipt of evaluation data for their (prospective) employees. At the end of the term of the Initial license (three years), a teacher may be eligible for a Continuing license.

(1) Educators with Three or More Years of Experience

   (a) Elementary Education and Exceptional Children – General Curriculum (ECGC)

   Out-of-state individuals with three or more years of experience who are applying for a NC Elementary Educator teaching license must provide evidence of successfully passing a state-approved mathematics AND reading subtest from the state in which they completed their educator preparation program in order to be granted a Continuing NC Elementary Educator teaching license.

   Out-of-state individuals with three or more years of experience who are applying for a NC ECGC teaching license must provide evidence of successfully passing a state-approved mathematics AND reading subtest from the state in which they completed their educator preparation program. Additionally, ECGC teachers must provide evidence of successfully passing a state-approved exam comparable to NC SBE-required exams for ECGC licensure (see TCP-A-003 for testing requirements).

   Out-of-state individuals with three or more years of experience who are applying for a NC Elementary Educator teaching license and who have passed another state's licensure exam **without** mathematics and reading subtests may be issued an initial license. To convert to a NC Continuing license, the individual may enroll in NCDPI's Reading and Mathematics Foundations courses.   Candidates who successfully complete these courses and pass the associated assessments for those courses may be eligible for a Continuing NC Elementary Educator teaching license.
   Out-of-state applicants with three or more years of teaching experience also have the option to pass the NCSBE-approved licensure exams to fulfill the requirements for a NC Continuing License.

   (b) All Other Teaching License Areas

   Individuals who hold a clear teaching license from another state AND have three or more years of teaching experience may be granted a NC teaching license. If the individual has successfully passed a state-approved licensure exam, appropriate for the licensure area, from the same state

in which they completed their educator preparation program, the individual may be eligible for a Continuing NC teaching license in the same, or comparable, NC license area(s).

    (c) Additional License Areas

Out-of-state individuals who are approved for a NC teaching license in the primary area of certification may also be granted a NC teaching license in any content area(s) that were subsequently added to the initial license by passing a licensure exam in another state, provided NC has a comparable license area.

(2) Educators with Fewer than Three Years of Experience

    (a) Elementary Education and Exceptional Children – General Curriculum (ECGC)

Individuals who hold an out-of-state teaching license and have fewer than three years of teaching experience may be granted an initial license in Elementary Education or ECGC. Initially licensed teachers must attempt all applicable NCSBE-required exams in the first year of teaching and pass all exams before or during the second year of teaching in order to move from an Initial to a Continuing license.

    (b) All Other Teaching License Areas

Individuals who hold a teaching license from another state and have fewer than three years of teaching experience may be granted an Initial NC teaching license. If the individual has successfully passed a state-approved licensure exam, appropriate for the licensure area, from the same state in which they completed their educator preparation program, the individual may be eligible for an initial NC teaching license in the same, or comparable, NC license.

The policies set forth in Section 1.21 shall be effective for applications received by NCDPI for review on or after August 4, 2016. Teachers shall complete all requirements (testing and/or coursework) before or during the second year of teaching in North Carolina.

1.22 Special Provisions for Spouses of Active Duty Military Personnel

Spouses of active duty military personnel in the Armed Forces whose military duty station is in the state of North Carolina and who have been employed by a NC public school must meet all the requirements for licensure set forth in NCSBE policies. The NCSBE, however, shall not require that the licensure exam scores of spouses of active duty military personnel who have been employed in a NC public school come from the same state from which the out-of-state applicant completed his/her educator preparation program.

Additionally, NCDPI shall develop a process for facilitating the processing of NC teaching licenses to applicants who provide documentation that they are the spouse of military personnel on active duty in the state of North Carolina and who have been employed by a NC public school.

"Active duty" is defined as full-time duty status in the active uniformed service of the United States on active duty orders pursuant to 10 U.S.C. § 12301, et. seq. and 10 U.S.C. § 12401, et. seq.

The term "Armed Forces" shall mean the United States Air Force, Army, Coast Guard, Marine Corps, and Navy and any reserve component of the foregoing.

1.25 Adding Teaching Areas to Existing Teacher Licenses

Individuals who hold a clear teaching license in one area can add an additional teaching area to the license by completing an approved teacher education program in the additional area by satisfying NCSBE approved testing requirements for the additional area or by completing 24 semester hours in the subject area with a grade of C or better in each course. Individuals who hold a clear teaching license can also add a language area to the license by earning a rating of at least "~~Intermediate High~~Advanced Low" proficiency on the ACTFL (American Council on the Teaching of Foreign Languages) Oral Proficiency Test, and, if available, the Writing Proficiency Test.

1.40 In Field/Out-of-Field Assignments

All professional assignments shall be in the area of an individual's license. Any teaching assignment, other than remedial that is outside a person's area of licensing is considered to be "out-of-field." The LEA may assign any licensed teacher who is the best qualified to teach remedial courses, regardless of licensure area.

The superintendent or personnel officer of the LEA must submit to the Licensure Section requests for provisional licensure to qualified individuals to cover out-of-field assignments. Effective June 30, 2006, provisional licenses will no longer be issued for the elementary grades level or at the middle and high school levels in license areas required for teaching the core academic subjects.

Individuals with a clear NC teaching license who have been teaching out-of-field in a subject area for a minimum of three years may be issued a clear license in that subject area based on the recommendation of the employing LEA and principal, and completion of one of the following:

    (a) the NC HOUSSE in the subject area; or
    (b) 24 semester hours in the subject area; or
    (c) the NCSBE approved exam(s) required for the subject area.

This includes individuals who have been teaching out-of-field on a provisional license.

Upon the recommendation of the employing LEA, individuals who are licensed to teach physical education and assigned to teach health may be issued the *Health and Physical Education K-12* license based on the following:

    (a) one year of successful teaching of health in the public schools and
    (b) completion of three renewal credits in health education completed through a recognized health education services provider, such as but not limited to, professional development/courses provided by universities, the Department of Public Instruction, the DHHS Division of Public Health, the NC School Health Training Center, the NC Alliance for Athletics, Health, Physical Education, Recreation and Dance, and LEA designed in-service conducted by a licensed health educator.

This provision for being issued a license in *Health and Physical Education K-12* expires June 30, 2012.

1.50 Provisional Licenses

Individuals licensed at the class A (bachelor's) level or higher may have other areas added on a provisional basis to their license as needed and requested by the employing LEA. Effective June 30,

2006, provisional licenses will no longer be issued for the elementary grades level or at the middle and high school levels in license areas required for teaching the core academic subjects.

The Licensure Section shall issue the provisional license and inform the individual and LEA personnel officer of requirements to clear the provisional status. These requirements may include course work and/or testing.

Effective for the 2015-2016 school year, all course credit earned toward fulfilling these requirements must be directly applicable to the provisional license and must be met by the end of the duration of the provisional license. All requirements to clear a provisional license must be completed within five years of the first effective date of the provisional license.

In the area of exceptional children, teachers must hold the appropriate license for each area of exceptionality to which they are assigned. Effective July 1, 1998, if 50% or more of a class qualifies as an exceptional area, the teacher must be licensed in that area.

1.55 Eligibility for Provisional Licensing

Provisional licenses are issued only on the request of the employing LEA. To be eligible for a provisional license, the individual must be assigned in the license area. Specific eligibility requirements for provisional licensing follow:

Area	Requirements
Counselor	Completion of a master's degree in Agency Counseling, Clinical Mental Health, Community Counseling, or Rehabilitation Counseling from a regionally accredited college or university or completion of a minimum of 18 graduate semester hours in a school counselor program.
School Social Work	Completion of a bachelor's, master's, specialist, or doctoral degree in social work.
Media Coordinator	"A" level teaching license or bachelor's degree in media or 18 graduate semester hours applicable toward a school media coordinator program.
School Psychology	Completion of all program requirements at the advanced (6th year level), except for the thesis or internship. Written confirmation from the college/university at which the individual has matriculated concurring with the individual's employment
Speech-Language Pathology	Provisional licenses are no longer issued in this area. However, individuals holding non-provisional "A" level licenses must complete requirements for the "M" license by July 1, 2005.
Assistant Principals	Effective July 1999, all persons employed as assistant principals in state allotted positions, or as assistant principals in full-time positions regardless of funding source, in the public schools of the state or in schools receiving public school funds, shall, in addition to other applicable requirements, be required either to hold or be qualified to hold a principal's license or a provisional principal's license.

A one-year provisional principal's license can be issued to individuals selected by local boards of education for employment as assistant principals if:

1) the local board has determined there is a shortage of persons who hold or are qualified to hold a principal's license and the employee enrolls in an approved program leading to a master's degree in school administration before the provisional license expires; or

2) the employee is enrolled in an approved master's in school administration program and is participating in the required internship under the master's program.

The Department shall extend the provisional license on an annual basis for a total of no more than two additional years while the employee is completing the program. |
| Supervisor | M level teaching license and a minimum of five years of successful teaching experience in that license area. |
| Exceptional Children Program Administrator | Master's level license in an exceptional children's area, curriculum instruction, or school administration, or advanced level license in school psychology. |

Career & Technical Education	Special Provisions
Career and Technical Education (CTE) licensure areas may be added to a clear teaching license if the candidate demonstrates competency in the technical area. Where a specific (i) credential or license and/or (ii) workshop is required to	**Competency indicators include:**

- an associate's degree in a related field of study
  OR
- two years of related work experience in the past five years
  OR
- 24 hours of related course work
  OR
- NCSBE approved subject area assessment |

qualify for the (CTE) license that additional requirement must also be met. Examples include 720 – Registered Nurse.	OR • Third party credential or certificate demonstrating technical competence
Lateral Entry	For initial licensing in CTE areas, relevant work experience can be evaluated to meet content licensure area competency requirements.

Area	Requirements
Agricultural Education **700**	**Eligibility Requirements:** **Degree** Bachelor's degree in related area Examples: Agricultural Business Management, Agricultural Development, Agricultural Engineering, Agricultural Studies, Agronomy (Crops/Soils), Animal Science, Equine Science, Veterinary Science, Forestry, General Agriculture, Horticulture, Natural Resource Management, Poultry Science, Range Management
	Work Experience ♦ Two years industry-related work experience within past five years ♦ Examples: animal health specialists, veterinarian, conservation scientists, environmental science and protection technicians, extension agent, farm and ranch manager, foresters, horticulturist, integrated agriculture production specialist, landscaping and grounds keeping workers, nursery technician, wildlife enforcement officer, zoologists and wildlife biologists
	Clearing specific requirements: **Coursework (18 semester hours)** **A total of 15 semester hours are required from the following courses:** ♦ Curriculum, Instructional Planning, and Assessments Instructional Methods ♦ Reading in the Content Area ♦ Meeting Special Learning Needs; Introduction to Exceptionalities; Diversity ♦ Classroom Management OR Learning Theory; Learning Styles; Motivation; How Adolescents Learn **AND** **3 semester hours are required from one of the following elective courses:** ♦ Career and Technical Student Organization Management ♦ Supervised Agricultural Experience

Area	Requirements
	Credential Examination is not required
	Induction The 40-hour Agricultural Education New Teacher Induction Program approved by the Agricultural Education State Staff, North Carolina State University is required.

Agricultural Education Endorsement Areas	Requirements
Project Management **18701**	**Eligibility Requirements:** **Teaching License** A clear or provisional or lateral entry license in Agriculture Education. **AND** Hold a current Project Management credential/certificate **OR** Have successfully completed a Project Management preparation course endorsed by NCDPI Career and Technical Education.

Area	Requirements
Business, Finance and Information Technology Education **760**	**Eligibility Requirements:**
	Degree Bachelor's degree in related area Examples: Accounting, Administrative Systems, Business Administration, Computer Science, Entrepreneurship, Finance, Information Technologies, Management/MIS (Management Information Systems), Marketing
	Work Experience ♦ Two years industry-related work experience within past five years Examples: accountant / CPA, business analyst, business manager, operations analyst, marketing manager, systems analyst, database administrator, management analyst, computer programmer/analyst, chief information officer, chief financial officer, loan officer, e-commerce manager, stock broker, investment advisor, financial analyst
	Credential/Training Training in the certification (i.e., IC^3 or MOS) is required to be submitted to the LEA before the end of the first semester of teaching. The Credential Certificate/Documentation **must be submitted to NCDPI Licensure prior to clearing the license.** <table><tr><td>**IT Course**</td><td>**Credential/Training**</td></tr><tr><td>All Courses</td><td>*NCSBE-approved Specialty Area (Test # 100,)* *and one of the following:* IC³, or MOS MOS certification in Word MOS certification in PowerPoint MOS certification in Excel MOS certification in Access Visual Basic NET or newer</td></tr></table>
	Clearing specific requirements: **Coursework (18 semester hours are required)** **A total of 15 semester hours are required from the following courses:** ♦ Curriculum, Instructional Planning, and Assessments Instructional Methods ♦ Reading in the Content Area ♦ Meeting Special Learning Needs; Introduction to Exceptionalities; Diversity ♦ Classroom Management OR Learning Theory; Learning Styles; Motivation; How Adolescents Learn **AND** **CONTINUED ON NEXT PAGE**

Area	Requirements
	3 semester hours are required from one of the following elective courses: ♦ Advanced computer courses such as HTML, Business Computer Programming, Database Programming ♦ Business Information Systems ♦ Digital Communications Systems ♦ Personal Finance ♦ Business Law ♦ Finance ♦ Accounting
Business, Finance and Information Technology Education **760** **Continued**	**<u>Induction</u>** The 40-Hour Business Finance and Information Technology Education New Teacher Induction Program approved by the North Carolina Department of Public Instruction, Division of Career and Technical Education is required

Business, Finance and Information Technology Education Endorsement Areas	Requirements
Project Management **18761**	**Eligibility Requirements:** **Teaching License** A clear or provisional or lateral entry license in Business Finance and Information Technology Education. **AND** Hold a current Project Management credential/certificate **OR** Have successfully completed a Project Management preparation course endorsed by NCDPI Career and Technical Education.
Computer Programming **18750**	**Eligibility Requirements:** **Teaching License** A clear or provisional or lateral entry teaching license is required in Business Finance, and Information Technology Education OR a license in Marketing Education, Mathematics Education, Technology Education, or Trade and Industrial education ("A" level) AND The following coursework: (15 semester hours) Programming (two courses from the same programming language) Object-oriented design Data structures and algorithms Computer hardware and organization In order to teach: Required: **Computer Programming Course** **AP Computer Science** **AP approved training** **AP Computer Science Principles** **AP approved training** **Computer Programming I & II** **Visual Basic NET/newer** **Introduction to Computer Prog.** **NCDPI training** **SAS Programming I & II** **SAS training**

Virtual Enterprise International **18763**	<u>**Eligibility Requirements:**</u> <u>**Teaching License**</u> A clear or provisional or lateral entry license in Business, Finance and Information Technology Education. **AND** Completion of Virtual Enterprise International certification training

Area	Requirements
Career Development Coordinator **747** **Based on Career and Technical Education License**	**Eligibility Requirements:**
	Degree Bachelor's degree **and** current license in any Career and Technical Education program area
	Work Experience ♦ One year of industry-related career development work experience in business, industry, or labor within the past five years **OR** ♦ One year as a coordinator of work-based learning (job-shadowing, internships, cooperative education, apprenticeships) in a Career and Technical Education program area within the past five years **OR** ♦ One year as a Career and Technical Student Organization (CTSO) adviser within the past five years
	Clearing specific requirements: **Coursework:** **A total of 6 semester hours (to be completed in one school year) are required from the following courses:** ♦ Counseling theory, 3 semester hours **(required)** **3 semester hours are required from the following:** ♦ Career development and counseling ♦ Career and life planning ♦ Career development and occupational information **OR** Completion of the Career Development Facilitator (CDF) course available through the NC Workforce Development Training Center (in cooperation with NCDPI and NC Workforce Development Board). Note: The CDF course will satisfy the 6-hour coursework requirement.
	Induction The 10-hour New Career Development Coordinators/Special Populations Coordinators Induction Program approved by the North Carolina Department of Public Instruction, Division of Career and Technical Education is required

Area	Requirements
Career Development Coordinator **747** **Based on master's degree in school counseling**	<u>**Eligibility Requirements:**</u>
	<u>**Degree**</u> Master's degree in school counseling or career counseling and a clear license as a school counselor
	<u>**Work Experience**</u> ♦ One year of industry-related career development work experience in business, industry, or labor within the past five years **OR** ♦ One year as a coordinator of work-based learning (job shadowing, internships, cooperative education, apprenticeships) in a Career and Technical Education program area within the past five years **OR** ♦ One-year work experience in school counseling within the past five years
	<u>**Clearing Specific Requirements:**</u> **Coursework** **A total of 6 semester hours (to be completed in one school year) are required from the following courses:** ♦ Program planning and organization in Career and Technical Education ♦ Work-based learning organization **OR** Completion of the Career Development Facilitator (CDF) course available through the NC Workforce Development Training Center (in cooperation with NCDPI and NC Workforce Development Board) Note: The CDF course will satisfy the 6-hour coursework requirement.
	<u>**Induction**</u> The 10-hour New Career Development Coordinators/Special Populations Coordinators Induction Program approved by the North Carolina Department of Public Instruction, Division of Career and Technical Education is required.

Area	Requirements
Career and Technical Education Director **711** **Based on CTE License**	**Eligibility Requirements:**
	Degree Master's degree **and** a current license in a Career and Technical Education program area are required
	Work Experience ♦ Five years of teaching, CTE Support Services, supervisory, or administrative experience within the preceding eight years of which a minimum of two years must have been in Career and Technical Education programs ♦ Examples of supervisory and administrative experience: program area director (secondary, elementary, curriculum, EC, AIG, testing/accountability, ESL, student services, human resources, technology, assistant/associate superintendent, superintendent, assistant principal, or principal)
	Clearing Specific Requirements: **Coursework** **A total of 9 semester hours are required from the following elective courses:** ♦ Career and Technical Education Program Planning and Organization <u>or</u> Designing College/Career Ready CTE Programs ♦ Evaluation and Supervision in Career and Technical Education ♦ Philosophy and Administration of Career and Technical Education <u>or</u> CTE Fundamentals and Program Improvement ♦ School Finance ♦ School Law ♦ Work-based Learning ♦ Developing and Supporting Teacher Leaders in CTE
	Credential
	Induction The 80-hour Career and Technical Education Director induction program approved by the North Carolina Department of Public Instruction, Division of Career and Technical Education is required

Area	Requirements
Career and Technical Education Director **711** **Based on principal license and master's degree or higher**	<u>**Eligibility Requirements:**</u>
	<u>**Degree**</u> Master's degree or educational specialist degree or educational doctorate degree and a current principal license are required
	<u>**Work Experience**</u> ♦ Five years of teaching, CTE support services, supervisory, or administrative experience within the preceding eight years of which a minimum of two years must have been in Career and Technical Education programs ♦ Examples of supervisory and administrative experience: program area director (secondary, elementary, curriculum, EC, AIG, testing/accountability, ESL, student services, human resources, technology, assistant/associate superintendent, superintendent, assistant principal, or principal.)
	<u>**Clearing Specific Requirements:**</u> **Coursework** **A total of 3 semester hours are required from the following elective courses:** ♦ CTE Fundamentals and Program Improvement
	<u>**Credential**</u>
	<u>**Induction**</u> The 80-hour Career and Technical Education Director induction program approved by the North Carolina Department of Public Instruction, Division of Career and Technical Education is required.

Area	Requirements
Family and Consumer Sciences Education **General** **710** *(May teach all FACS courses)*	**Eligibility Requirements:**
	Degree Bachelor's degree: General Family and Consumer Sciences
	Work Experience ♦ Two years industry-related work experience within past five years ♦ Examples: interior designer, cafeteria manager, food service manager, extension specialist, adult education, preschool/day care director, social worker, family counselor, financial planner, community service manager, community health educator
	Credential **Required before teaching** Transcript/Credential **must be submitted to NCDPI Licensure** ♦ ServSafe Manager Certification **required before teaching foods and culinary courses and courses with foods units.**
	Clearing specific requirements: General Family and Consumer Sciences **Coursework (18 semester hours are required)** **A total of 15 semester hours are required from the following courses:** ♦ Curriculum, Instructional Planning, and Assessments ♦ Instructional Methods ♦ Reading in the Content Area ♦ Meeting Special Learning Needs; Introduction to Exceptionalities; Diversity ♦ Classroom Management *OR* Learning Theory; Learning Styles; Motivation; How Adolescents Learn **AND** **3 semester hours are required from one the following elective courses:** ♦ Career and Technical Student Organization Management ♦ Educational/Instructional Technology ♦ Consumer Education and Financial Literacy ♦ Human Development Lifespan ♦ Management of Work-based Learning ♦ Fashion/Textile Design ♦ Foods and Nutrition ♦ Interior Design ♦ Foodservice/Hospitality Management ♦ Food Science/Technology
	CONTINUED ON NEXT PAGE

Area	Requirements
Family and Consumer Sciences Education **General** **710 Continued** *(May teach all FACS courses)*	**Credential** Specialty Area exam is required.
	Induction The 40-hour Family and Consumer Sciences Education New Teacher Induction Program approved by the North Carolina Department of Public Instruction, Division of Career and Technical Education is required.

Area	Requirements
Family and Consumer Sciences Education **Apparel** **712** *(May only teach Apparel and Textile Production I&II and Apparel Advanced Studies*	**Eligibility Requirements:**
	Degree A bachelor's degree in a relevant area is required. Example: Fashion/Apparel Design, Textile Design, Fashion Merchandising
	Work Experience ♦ Two years industry-related work experience within the past five years ♦ Examples: tailor, seamstress, fashion designer, fashion buyer, fashion retail manager, fashion production, costume designer, extension agent specializing in apparel, textile designer
	Clearing specific requirements: Apparel Design **Coursework (18 semester hours are required)** **A total of 15 semester hours are required from the following courses:** ♦ Curriculum, Instructional Planning, and Assessments ♦ Instructional Methods ♦ Reading in the Content Area ♦ Meeting Special Learning Needs; Introduction to Exceptionalities; Diversity ♦ Classroom Management OR Learning Theory; Learning Styles; Motivation; How Adolescents Learn **AND** **3 semester hours are required from one of the following elective courses:** ♦ Career and Technical Student Organization Management ♦ Educational/Instructional Technology ♦ Consumer Education and Financial Literacy ♦ Human Development Lifespan ♦ Management of Work-based Learning ♦ Family Life Education ♦ Family & Consumer Sciences/Services Survey
	Credential Examination is not required for this license.
	Induction The 40-hour Family and Consumer Sciences Education New Teacher Induction Program approved by the North Carolina Department of Public Instruction Division of Career and Technical Education is required.

Area	Requirements
Family and Consumer Sciences Education **Child Development/ Family Studies** **714** *(May only teach Parenting and Child Development and Early Childhood Education FACS courses)*	**<u>Eligibility Requirements:</u>**
	<u>Degree</u> Bachelor's degree in a related area is required. Examples: Child Development and Family Relations, Family Studies, Child Psychology
	<u>Work Experience</u> ♦ Two years industry-related work experience within the past five years ♦ Examples: social services case worker, family therapy counselor, preschool teacher, preschool/day care director, kindergarten teacher, extension agent specializing in child development and family studies
	<u>Clearing specific requirements: Child Development/Family Studies</u> **Coursework (18 semester hours are required)** **A total of 15 semester hours are required from the following courses:** ♦ Curriculum, Instructional Planning, and Assessments ♦ Instructional Methods ♦ Reading in the Content Area ♦ Meeting Special Learning Needs; Introduction to Exceptionalities; Diversity ♦ Classroom Management OR Learning Theory; Learning Styles; Motivation; How Adolescents Learn **AND** **3 semester hours are required from one of the following elective courses:** ♦ Career and Technical Student Organization Management ♦ Educational/Instructional Technology ♦ Consumer Education and Financial Literacy ♦ Human Development Lifespan ♦ Management of Work-based Learning
	<u>Credential</u> Examination is not required for this license
	<u>Induction</u> The 40-hour Family and Consumer Sciences Education New Teacher Induction Program approved by the North Carolina Department of Public Instruction, Division of Career and Technical Education is required.

Area	Requirements
Family and Consumer Sciences Education **Foods and Nutrition/ Culinary Arts** **716** *(May only teach Foods and Nutrition/Culinary Arts / ProStart FACS courses)*	**Eligibility Requirements:**
	Degree Bachelor's degree in a related area or an associate's degree in culinary arts Examples: Food Science, Culinary Arts, Dietetics, Food Service Management, Nutrition.
	Work Experience ♦ Two years industry-related work experience for four year degree within the past five years. ♦ Four years of industry-related work experience within the past eight years for the Culinary Arts Associate Degree. ♦ For pay purposes, two years work experience is held in escrow and released if a four year degree related to area of license is completed. ♦ Examples of industry-related work experience: chef, restaurant manager, food service manager, dietitian, nutritionist, extension agent specializing in foods and nutrition, catering manager
	Credential required before teaching **Transcript/Credential must be submitted to NCDPI Licensure** ♦ ServSafe Manager Certification **required before teaching foods and culinary courses and courses with foods units.**
	Clearing specific requirements: Foods and Nutrition/Culinary Arts **Coursework (18 semester hours are required)** **A total of 15 semester hours are required from the following courses:** ♦ Curriculum, Instructional Planning, and Assessments ♦ Instructional Methods ♦ Reading in the Content Area ♦ Meeting Special Learning Needs; Introduction to Exceptionalities; Diversity ♦ Classroom Management OR Learning Theory; Learning Styles; Motivation; How Adolescents Learn **AND** **3 semester hours are required from one of the following elective courses:** ♦ Career and Technical Student Organization Management ♦ Educational/Instructional Technology ♦ Consumer Education and Financial Literacy ♦ Human Development Lifespan ♦ Management of Work-based Learning ♦ Family &Consumer Sciences/Services Survey ♦ Family Life Education
	CONTINUED ON THE NEXT PAGE

Area	Requirements
Family and Consumer Sciences Education **Foods and Nutrition/ Culinary Arts**	**Credential** Examination is not required for this license.
716 Continued *(May only teach Foods and Nutrition/Culinary Arts FACS courses)*	**Induction** The 40-hour Family and Consumer Sciences Education New Teacher Induction Program approved by the North Carolina Department of Public Instruction, Division of Career and Technical Education is required.

Area	Requirements
Family and Consumer Sciences Education **Interior Design** **718** *(May only teach Interior Design FACS courses)*	**Eligibility Requirements:**
	Degree Bachelor's degree in a related area is required Examples: Interior Design, Interior Decorating, Textile Design, Architectural Design, Furniture Design.
	Work Experience ♦ Two years industry-related work experience within the past five years ♦ Examples: interior design, textile design, architectural design, furniture design, interior design, sales and marketing, extension agent specializing in interior design.
	Clearing specific requirements: Interior Design/Housing **Coursework (18 semester hours are required)** **A total of 15 semester hours are required from the following courses:** ♦ Curriculum, Instructional Planning, and Assessments ♦ Instructional Methods ♦ Reading in the Content Area ♦ Meeting Special Learning Needs; Introduction to Exceptionalities; Diversity ♦ Classroom Management OR Learning Theory; Learning Styles; Motivation; How Adolescents Learn **AND** **3 semester hours are required from one the following elective courses:** ♦ Career and Technical Student Organization Management ♦ Educational/Instructional Technology ♦ Consumer Education and Financial Literacy ♦ Human Development Lifespan ♦ Management of Work-based Learning
	Credential Examination is not required for this license.
	Induction The 40-hour Family and Consumer Sciences Education New Teacher Induction Program approved by the North Carolina Department of Public Instruction, Division of Career and Technical Education is required

Family and Consumer Sciences Education Endorsement Areas	Requirements
Project Management **18709**	**Eligibility Requirements:** **Teaching License** A clear or provisional or lateral entry license in Family and Consumer Sciences Education. **AND** Hold a current Project Management credential/certification **OR** Have successfully completed a Project Management preparation course endorsed by NCDPI Career and Technical Education.
Fashion Merchandising **18715**	**Eligibility Requirements:** **Teaching License** A clear or provisional or lateral entry license in Family and Consumer Sciences 710, 712. One three semester-hour university Fashion Merchandising course

Area	Requirements
Health Science Education **Registered Nurse** **720** *(May teach all Health Science Education courses and Nursing Assistant I/Feeding Assistant)*	**Eligibility Requirements:** **Degree** Bachelor's degree in Nursing OR Associate's degree in Nursing OR non-degreed Registered Nurse (diploma graduate) from a state or nationally accredited institution
	Work Experience ♦ Bachelor degree in nursing, associate degree in nursing or diploma nursing three years within past ten years ♦ Note: Post-secondary teaching experience is considered relevant if clinical observation of students is a job function.
	Credential An active North Carolina license as a registered nurse; license must be clear of restrictions. For the following course, certification is by the end of the first year of teaching: **Course** **Credential** **7273 Pharmacy Technician** **PTCB Pharmacy Technician Certification** Credential Certification/Documentation **must be submitted to NCDPI Licensure.**
	Clearing specific requirements: Registered Nurse **Coursework (18 semester hours are required) (This requirement is waived for those holding a Health Sciences Education degree from an approved program)+** **A total of 15 semester hours are required from the following courses:** ♦ Curriculum, Instructional Planning, and Assessment ♦ Instructional Methods ♦ Reading in the Content Area ♦ Meeting Special Learning Needs; Introduction to Exceptionalities; Diversity ♦ Classroom Management **OR** Learning Theory; Learning Styles; Motivation; How Adolescents Learn **AND** **3 semester hours are required from one the following elective courses:** ♦ Career and Technical Student Organizational Management ♦ Educational/Instructional Technology ♦ Health Careers/Health Industry Survey ♦ Biotechnology
	CONTINUED ON NEXT PAGE

Area	Requirements
Health Science Education **Registered Nurse** **720** *(May teach all Health Science Education courses and Nursing Assistant I/Feeding Assistant)*	**<u>Credential</u>** Examination not required **<u>Induction</u>** The 40-hour Health Science New Teacher Induction Program approved by the North Carolina Department of Public Instruction, Division of Career and Technical Education is required.

Area	Requirements
Health Science Education **Non-RN, Allied Health/Medical Professional** **721** *(May teach all Health Science courses unless RN is required by affiliating agency)*	<u>**Eligibility Requirements:**</u>
	<u>**Degree**</u> ♦ Bachelor's degree or <u>a</u>ssociate's degree in non-RN, allied health or medical field from a state or nationally accredited institution is required. ♦ A North Carolina license, registration, or certification in same field as educational degree Examples: Physical Therapy, Radiology, Medical Doctor (MD), Dental Hygiene, Physician Assistant, Biology
	<u>**Work Experience**</u> ♦ Three years related work experience within past ten years for bachelor or for an associate degree. ♦ Examples of industry-related work experience: physical therapist, radiological technologist, respiratory care/cardiopulmonary technologist, clinical laboratory technologist, dietetics/nutrition technologist, histological technologist, nuclear medicine technologist, phlebotomist, physician assistant, radiation therapy technologist, dental hygienist, physician
	<u>**Credential**</u> An active North Carolina license in an Allied Health/Medical Professional. See NC- AHEC Health Careers Manual online for examples of two to four year credentials. For the following course, certification is required by the end of the first year of teaching: Course Credential **7273 Pharmacy Technician** **PTCB Pharmacy Technician Certification** Credential Certificate/Documentation **must be submitted to NCDPI Licensure**.
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Area	Requirements
Health Science Education **Non-RN, Allied Health/Medical Professional** **721** *(May teach all Health Science courses unless RN is required by affiliating agency)*	**Clearing specific requirements: Non-RN, Allied Health/Medical Professional Coursework (18 semester hours are required). This requirement is waived for those applicants with a Health Science Education degree from an approved program.** **A total of 15 semester hours are required from the following courses:** ♦ Curriculum, Instructional Planning, and Assessment ♦ Instructional Methods ♦ Reading in the Content Area Methods ♦ Meeting Special Learning Needs; Exceptionalities; Diversity ♦ Classroom Management OR Learning Theory; Learning Styles; Motivation; How Adolescents Learn **AND** **3 semester hours are required from one the following elective courses:** ♦ Career and Technical Student Organization Management ♦ Educational/Instructional Technology ♦ Health Careers/Health Industry Survey ♦ Biotechnology
	Credential Examination is not required
	Induction The 40-hour Health Science New Teacher Induction Program approved by the North Carolina Department of Public Instruction, Division of Career and Technical Education is required.

Examples of Non-RN Allied Health Professional as an Applicant*

*This information was obtained using North Carolina Health Careers, a North Carolina AHEC Publication. To obtain a copy or access this information online, go to www.nchealthcareers.com.

Profession	College Degree	Healthcare licensure	Work Experience Examples
Health Educator	Baccalaureate degree in Health Education	*CHES* (certified health education specialist)	Other work history may include public health departments, voluntary agencies and schools
Athletic Trainer	Bachelor's degree in Sports Medicine	*Certified Athletic Trainer* (from the National Athletic Trainers' Association Board of Certification)	Many ATC's hold a master's degree or higher; work experience may also include postsecondary schools, professional sports, sports medicine/orthopedic clinics, health clubs, etc.
Physical Therapist	Master's degree in Physical therapy	Graduates of programs accredited by the American Physical Therapy Association must complete licensing exam by the Federation of State Boards of Physical Therapy	Other work experience may include rehab centers, nursing homes, schools and private practice
Respiratory Care Practitioner	Associate degree in respiratory therapy	At minimum, CRT (certified respiratory therapist) by the National Board for Respiratory Care (NBRC)	Graduates of respiratory therapy programs may also be eligible to take the advanced practitioner exam given by the NBRC. This is the Registered Respiratory Therapist (RRT). This certification allows hospitals to place these persons in the more critical patient care areas.
Medical Doctor	Doctor of Medicine	State Board License	Medical Doctor
Emergency Medical Technician/ Paramedic	Associate Degree Programs Emergency Medical Science (2 years)	State Certification	Emergency Medical Technician/Paramedic

Area	Requirements
Health Science Education **Biotechnology Professional** **722**	**<u>Eligibility Requirements:</u>**
	<u>Degree</u> Bachelor's degree in biology or in one of the following biology-related degrees: biochemistry, genetics, immunology, microbiology, molecular biology, toxicology, structural biology, cellular biology **OR** Bachelor's degree in marine biology, chemistry, pathology, pharmacology, etc. **AND** A minimum of six semester hours in the following courses: microbiology, genetics, immunology, biochemistry, molecular biology, cell biology
	<u>Work Experience</u> Two years industry-related work experience within past five years **Examples**: animal services technician, biomedical equipment technician, laboratory assistant, quality assurance technician, clinical trials research associate, crime scene investigator, genetic counselor, microbiologist, science teacher
	<u>Clearing specific requirements: Biotechnology Professional</u> **Coursework** (**18 semester hours are required**) **A total of 15 semester hours are required from the following courses:** ♦ Curriculum, Instructional Planning, and Assessment ♦ Instructional Methods ♦ Reading in the Content Area ♦ Meeting Special Learning Needs; Introduction to Exceptionalities; Diversity ♦ Classroom Management OR Learning Theory; Learning Styles; Motivation; How Adolescents Learn **AND** **3 semester hours are required from one the following elective courses:** ♦ Career and Technical Student Organization Management ♦ Health Careers/Health Industry Survey ♦ Educational/Instructional Technology
	<u>Credential</u> Examination is not required
	<u>Induction</u> The 40 hour Health Science New Teacher Induction Program approved by the North Carolina Department of Public Instruction, Division of Career and Technical Education is required.

Health Science Education Endorsement Areas	Requirements
Project Lead the Way (PLTW) Biomedical Sciences Endorsement **(18722)**	<u>**Eligibility Requirements:**</u> **A clear or provisional teaching license is required in Health Science Education (720,721, or 722), or a clear license in Science (300), or Biology (310). This license must be at the bachelor or higher level.** **PLTW COURSEWORK IN THE SPECIFIC COURSE TO BE TAUGHT IS REQUIRED BEFORE THE LICENSE IS ISSUED and must be submitted to NCDPI Licensure:** **Project Lead the Way Training** Completion of the Project Lead the Way <u>Core Training </u>is required prior to teaching the courses.

Area	Requirements
Information Technology 765	**Eligibility Requirements:**

Degree

Associate's degree in area of licensure
Bachelor's degree in area of licensure

Work Experience

♦ For Associate's Degree - Four years industry-related work experience within the past eight years.
♦ For Bachelor's Degree - Two years industry-related work experience within the past five years.
♦ For Associate's Degree, two years' experience is held in escrow and released for pay purposes if bachelor's degree in field of licensure is completed.

Credentials
For required credentials, refer to the Related Degree, Industry-Related Work Experience, and Required Credential Matrix for credentials that are required for licensure or to teach specific courses. Credential is required before teaching unless otherwise noted. **Credential**
Certificate/Documentation must be submitted to NCDPI
Clearing specific requirements:
Coursework (*Note: Coursework can be completed at either a four-year college/university or community college.*)
A total of 21 semester hours is required from the following courses:

University/Four-Year College Course Title/Content	OR	Community College Course Title/Content
Curriculum, Instructional Planning and Assessments	OR	
Instructional Methods	OR	Instructional Methods
Reading in the Content Area	OR	Reading and Writing Methods
Teaching Diverse Learners Or Special Populations	OR	Special Populations or Introduction to Exceptionalities
Classroom Management of Learning Theory	OR	General Psychology
Environmental Safety and Health	OR	Environmental Safety and Health or Safety

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Area	Requirements
Information Technology 765	**<u>Induction</u>** The New Teacher Induction Program approved by the North Carolina Department of Public Instruction, Division of Career and Technical Education is required.

In order to teach:	Required:
Computer Programming Course	**Credential/Training**
AP Computer Science	AP approved training
AP Computer Science Principles	AP approved training
Computer Programming I and II	Visual Basic.NET or newer
Introduction to Computer Programming	NC DPI training
SAS Programming I and II	SAS Training
IT Infrastructure Course	**Credential/Training**
Foundations of IT	CompTia IT Fundamentals
Network Administration I	Microsoft MTA or newer
Network Administration II	MST Windows Configuration 70-680
Network Administration III	Desktop Support Technician 73-685
	MCDST Windows 7 Enterprise

Information Technology
Related Degree, Work Experience, and Required Credential Matrix

Licensure Area	Examples of Related Degrees	Examples of Industry-Related Work Experience	Required Industry Credential (Before teaching unless noted).
Information Technology 765	• Computer Engineering • Computer Science • Electronic Engineering • Software Engineering • Information Technology • Network Engineering • Network Administration	• Computer programmer • Web Designer • Security Analyst • Software Developer • Mobile App Developer • Internet Production Industry • Network Administrator • Data Scientist • User Interface/Graphic Design • IT Compliance • IT Strategist • Virtualization Manager • Electronic Engineering Technician • Computer Engineering Technician • Network Engineer • Network Engineering Technician • Information Technology Technician • Information Technology Service Desk • Project Manager	• Java • In order to Teach Computer Engineering Technology: COMPTIA A+ Certification required within 3 years. Note: *If not CompTIA A+ Certified, completion of COMPTIA A+ coursework that covers both the hardware and the operating system objectives prior to teaching the course.* . • In order to Teach Network Engineering Technology: CISCO CCENT Certification required within 3 years. Note*: If not CISCO CCENT certified, must have taken a course on Networking to cover both hardware and software prior to teaching the class.*
			NOTE: Required within 3 years of issued license.

Area	Requirements
Marketing Education **730**	**Eligibility Requirements:**
	Degree Bachelor's degree in a related area Examples: Accounting, Administrative Systems, Business Administration, Entrepreneurship, Finance, Information Technologies, Management, Management Information Systems, Marketing, Communications, Economics, Supply Chain Management
	Work Experience ♦ Two years industry-related work experience within the past five years ♦ Examples: marketing manager, sales manager, retail manager, real estate agent or buyer, hospitality tourism & recreation manager, corporate or personal financial manager, loan officer, marketing research analyst, distribution and logistics specialist
	Clearing specific requirements: **Coursework (18 semester hours are required)** **A total of 15 semester hours are required from the following courses:** ♦ Curriculum Instructional Planning and Assessments ♦ Instructional Methods ♦ Reading in the Content Area ♦ Meeting Special Learning Needs; Introduction to Exceptionalities; Diversity ♦ Classroom Management OR Learning Theory; Learning Styles; Motivation; How Adolescents Learn **AND** **3 semester hours are required from one of the following elective courses:** ♦ Advanced Computer Concepts and Applications ♦ Business OR Marketing Information Systems ♦ Distribution and Logistics ♦ Hospitality and Tourism ♦ Merchandising ♦ Personal Finance
	Credential NCSBE approved Specialty Area exam is required
	Induction The 40-hour Marketing Education New Teacher Induction Program approved by the North Carolina Department of Public Instruction, Division of Career and Technical Education is required.

Marketing Education Endorsement Areas	Requirements
Project Management **18731**	**Eligibility Requirements:** **Teaching License** A clear or provisional or lateral entry license in Marketing Education. **AND** Hold a current Project Management credential/certificate **OR** Have successfully completed a Project Management preparation course endorsed by NCDPI Career and Technical Education.
Apparel and Textile Production I and II **18732**	**Eligibility Requirements:** **Teaching License** **Must be currently licensed in Marketing Education 730** One three semester– hour university course or one 30- contact hour continuing education course in apparel construction **AND** two years of experience in apparel entrepreneurship or production or retailing within the last 8 years.
Virtual Enterprise International **18763**	**Eligibility Requirements:** A clear or provisional or lateral entry license in Marketing Education **AND** Completion of Virtual Enterprise International certification training**.**
Computer Programming **18750**	**Eligibility Requirements:** **Teaching License** A clear or provisional or lateral entry teaching license is required in Business Finance, and Information Technology Education OR a license in, Marketing Education, Mathematics Education, Technology Education, or Trade and Industrial education ("A" level). AND The following coursework: (15 semester hours) Programming (two courses from the same programming language) Object-oriented design Data structures and algorithms Computer hardware and organization **In order to teach:** **Required:** **Computer Programming Course** **Credential/Training** AP Computer Science AP approved training AP Computer Science Principles AP approved training Computer Programming I and II Visual Basic.NET or newer Introduction to Computer Programming NC DPI training SAS Programming I and II SAS Training

Area	Requirements
Special Populations **Based on CTE license (Includes 747 and 711)** **770**	**Eligibility Requirements:**
	Degree Bachelor's degree and current license in Career and Technical Education program area
	Work Experience One year related work experience Examples: Career and Technical Education program area teacher, administrator of special education, special education teacher, after-school program director, curriculum director or specialist, career development coordinator, guidance counselor, reading specialist, school administrator, speech and language pathologist, student/personnel administrator, ESL instructor (teaching English as a second language), child care administrator, child support agency/social worker, professional tutor
	Clearing specific requirements: **Coursework** **A total of 12 semester hours is required from the following courses:** ♦ Instructional Methods/Teaching Strategies of Special Needs Students **OR** Diversity **OR** Psychology ♦ Classroom Assessment and Evaluation **OR** Exceptionalities ♦ Principles of Career Counseling and Development ♦ Theories and Techniques of Counseling **Note:** Six hours of the required 12 hours may be obtained from the completion of the Career Development Facilitator course available through the NC Workforce Development Training Center (in cooperation with NCDPI and NC Workforce Development Board).
	Induction The 10-hour New Career Development Coordinators/Special Populations Coordinators Induction Program approved by the North Carolina Department of Public Instruction, Division of Career and Technical Education is required

Area	Requirements
Special Populations **Based on EC license** **770**	**Eligibility Requirements:**
	Degree Current license in Exceptional Children's Education
	Work Experience ♦ One year related work experience Examples: career and technical education program area teacher, administrator of special education, special education teacher, after-school program director, curriculum director or specialist, career development coordinator, guidance counselor, reading specialist, school administrator, speech and language pathologist, student/personnel administrator, ESL instructor (teaching English as a second language), child care administrator, child support agency/social worker, professional tutor
	Clearing specific requirements: **Coursework** **A total of 12 semester hours is required from the following courses:** ♦ Cultural Diversity Counseling ♦ Principles of Career Counseling and Development ♦ Theories and Techniques of Counseling ♦ Group Counseling **Note:** Six of the required 12 hours may be obtained from the completion of the Career Development Facilitator course available through the NC Workforce Development Training Center (in cooperation with NCDPI and NC Workforce Development Board).
	Induction The 10-hour New Career Development Coordinators/Special Populations Coordinators Induction Program approved by the North Carolina Department of Public Instruction, Division of Career and Technical Education is required

Area	Requirements
Special Populations **Based on master's degree in school counseling** **770**	**Eligibility Requirements:**
	Degree Master's degree in school counseling
	Work Experience ♦ One year related work experience Examples**:** career and technical education program area teacher, administrator of special education, special education teacher, after-school program director, curriculum director or specialist, career development coordinator, guidance counselor, reading specialist, school administrator, speech and language pathologist, student/personnel administrator, ESL instructor (teaching English as a second language), child care administrator, child support agency/social worker, professional tutor
	Clearing specific requirements: **Coursework** **A total of 12 semester hours is required from the following courses:** ♦ Instructional Methods/Teaching Strategies of Special Needs Students ♦ Exceptionalities ♦ Reading in the Content Area Methods ♦ Classroom Management or Behavioral Management **Note:** Six of the required 12 hours may be obtained from the completion of the Career Development Facilitator course available through the NC Workforce Development Training Center (in cooperation with NCDPI and NC Workforce Development Board).
	Induction The 10-hour New Career Development Coordinators/Special Populations Coordinators Induction Program approved by the North Carolina Department of Public Instruction, Division of Career and Technical Education is required

Area	Requirements
Technology Engineering and Design Education **820**	**Eligibility Requirements:**
	Degree Bachelor's degree in related field Examples: Architecture, Construction, Industrial Design, Engineering, Industrial Technology, Manufacturing, Transportation, Science, Industrial Arts, Trade and Industrial Education, Graphic Design, Graphic Production, Animation and Visualization, Computer Programming, Game Design and Development, Computer Science, Programming Associate Degree, Game Software Engineering, Simulation and Game Animation, Digital Effects and Animation Technology or Game Art Design. and degrees that integrate STEM such as Science, Technology in Society**("A" level License)**
	Work Experience ♦ Two years industry-related work experience within the past five years ♦ Examples: engineer, construction manager, graphics designer, industrial designer, electronics technician, computer technician, network technician, manufacturing technician, construction related technician, project Developer
	Clearing specific requirements: **Coursework** **A total of 18 semester hours is required from the following courses:** ♦ Curriculum, Instructional Planning, and Assessment ♦ Instructional Methods ♦ Reading in the Content Area ♦ Meeting Special Learning Needs; Introduction to Exceptionalities; Diversity ♦ Classroom Management OR Learning Theory; Learning Styles; Motivation; How Adolescents Learn ♦ Lab Management and Safety ♦ Career and Technical Student Organizations **Course Requirements** **Additional coursework is required for teaching Principles of Technology, Scientific and Technical Visualization, Game Art Design and Project Lead the Way. Refer to endorsement areas.**
	Credential Specialty Area exam is required
	Induction The 40-hour Technology Education New Teacher Induction Program approved by the North Carolina Department of Public Instruction, Division of Career and Technical Education is required.

Area	Requirements
Technology Engineering and Design Education **822** (*This license is-only eligible to teach Scientific Visualization I and II and Game Art Design I and II*	**<u>Eligibility Requirements:</u>**
	<u>Degree</u> Based on an Associate's Degree in Related Field Examples: Animation and Visualization, Computer Programming, Game Design and Development, Computer Science, Programming Associate Degree, Game Software Engineering, Simulation and Game Animation, Digital Effects and Animation Technology or Game Art Design.
	<u>Work Experience</u> ♦ 3 years industry-related work experience within the past 10 years. ♦ Examples: simulation and game development, gaming management, computer programming, computer technology integration **Required prior to teaching Scientific Visualization** **NCDPI Sponsored SciVis Workshops:** ♦ 40 hour SciVis Workshop for Level I ♦ 40 hour Advanced SciVis Workshop for Level II **NCDPI Sponsored Game Art and Design Workshop**
	<u>Clearing specific requirements:</u> **Coursework** **A total of 21 semester hours is required from the following courses:** ♦ Curriculum, Instructional Planning, and Assessment ♦ Instructional Methods ♦ Reading in the Content Area Methods ♦ Meeting Special Learning Needs; Exceptionalities; Diversity ♦ Classroom Management OR Learning Theory; Learning Styles; Motivation; How Adolescents Learn ♦ Lab Management and Safety ♦ Career and Technical Student Organization
	<u>Induction</u> The 40-hour Technology Education New Teacher Induction Program approved by the North Carolina Department of Public Instruction, Division of Career and Technical Education is required.

Technology Engineering and Design Education Endorsement Areas	Requirements
Principles of Technology **18825** **May only teach Principles of Technology courses**	**Eligibility Requirements:** **Teaching License** A clear or provisional or lateral entry teaching license is required in technology education **OR** a clear license in mathematics, science, or trade and industrial education **("A" level)** and completion of the NCDPI approved Principles of Technology Workshop is required prior to teaching the courses (documentation must be submitted to NCDPI Licensure). **NCDPI Sponsored Principles of Technology Workshops:** ♦ 80 hour Principles of Technology Workshop for Level I ♦ 40 hour Advanced Principles of Technology Workshop for Level II
Scientific and Technical Visualization **18827** **May only teach Scientific and Technical Visualization courses**	**Eligibility Requirements:** **Teaching License** A clear or provisional or lateral entry teaching license is required in technology education OR a clear license in, mathematics, science, or trade and industrial education ("A" level) and completion of the NCDPI approved SciVis Workshop is required prior to teaching the courses (documentation must be submitted to NCDPI Licensure). **NCDPI Sponsored SciVis Workshops:** ♦ 40 hour SciVis Workshop for Level I ♦ 40 hour Advanced SciVis Workshop for Level II
Project Lead the Way (PLTW) **18829**	**Eligibility Requirements:** A clear or provisional or lateral entry teaching license is required in technology education **OR** a clear license in mathematics, science, or trade and industrial education **("A" level)** and completion of the Project Lead the Way Core Training is required prior to teaching the following courses (documentation must be submitted to NCDPI Licensure): ♦ Aerospace Engineering ♦ Biotechnical Engineering ♦ Civil Engineering and Architecture ♦ Computer Integrated Manufacturing ♦ Digital Electronics ♦ Engineering Design and Development ♦ Gateway to Technology ♦ Introduction to Engineering Design ♦ Principles of Engineering ♦ Other Certified Project Lead the Way (PLTW) courses **CONTINUED ON NEXT PAGE**

Technology Engineering and Design Education Endorsement Areas	Requirements
Project Management **18824**	**Eligibility Requirements:** **Teaching License** A clear or provisional or lateral entry license in Technology Education. **AND** Hold a current Project Management credential/certificate **OR** Have successfully completed a Project Management preparation course endorsed by NCDPI Career and Technical Education
Computer Programming **18750**	**Eligibility Requirements:** **Teaching License** A clear or provisional or lateral entry teaching license is required in Business Finance, and Information Technology Education OR a license in Marketing Education, Mathematics Education, Technology Education, or Trade and Industrial education ("A" level **AND** The following coursework: (15 semester hours) Programming (two courses from the same language) Object-oriented design Data structures and algorithms Computer hardware and organization **In order to teach:** **Required:** **Computer Programming Course** **Credential/Training** AP Computer Science AP approved training AP Computer Science Principles AP approved training Computer Programming I and II Visual Basic.NET or newer Introduction to Computer Programming NC DPI training SAS Programming I and II SAS Training

Area	Requirements
Trade and Industrial Education **740**	**Eligibility Requirements:**

Degree

Associate's degree in area of licensure
Bachelor's degree in area of licensure

Work Experience

♦ For Associate's Degree - Four years industry-related work experience within the past eight years. Two years' experience held in escrow and released for pay purposes if bachelor's degree in the field of licensure is completed.
♦ For Bachelor's Degree - Two years industry-related work experience within the past five years.
♦ For Associate's Degree, two years' experience is held in escrow and released for pay purposes if bachelor's degree in field of licensure is completed.
♦ For examples of work experience, refer to the Trade and Industrial Education Licensure Related Degree, Industry-Related Work Experience, and Required Credential Matrix for examples for specific Trade and Industrial Licensure areas.

Credentials
For required credentials, refer to the Trade and Industrial Education Licensure Related Degree, Industry-Related Work Experience, and Required Credential Matrix for credentials that are required for licensure or to teach specific courses. Credential is required before teaching unless otherwise noted. **Credential Certificate/Documentation must be submitted to NCDPI**
Clearing specific requirements:
Coursework (*Note: Coursework can be completed at either a four-year college/university or community college.*)
A total of 21 semester hours is required from the following courses:

University/Four-Year College Course Title/Content	OR	Community College Course Title/Content
Curriculum, Instructional Planning and Assessments	OR	Introduction to Trade and Industrial Education
Instructional Methods	OR	Instructional Methods
Reading in the Content Area	OR	Reading and Writing Methods
Teaching Diverse Learners Or Special Populations	OR	Special Populations or Introduction to Exceptionalities
Classroom Management of Learning Theory	OR	General Psychology
Environmental Safety and Health	OR	Environmental Safety and Health or Safety
Career and Technical Student Organization	OR	Career and Technical Student Organization

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Area	Requirements
Trade and Industrial Education **740** **Continued**	**<u>Induction</u>** The 40-hour Trade and Industrial Education New Teacher Induction Program approved by the North Carolina Department of Public Instruction, Division of Career and Technical Education is required.

Area	Requirements
Trade and Industrial Education **Based on a high school diploma** **740**	**Eligibility Requirements:**
	Degree High School Diploma (a copy must be submitted to NCDPI Licensure)
	Work Experience ♦ Six years industry-related work experience within the past ten years is required. ♦ Four years' experience is held in escrow ♦ Two years of the work experience being held in escrow will be released for pay purposes when the individual completes the associate's degree in related field of licensure and the additional two years will be released if the individual completes the bachelor's degree in related field of licensure ♦ For examples of work experience, refer to the Trade and Industrial Education Licensure Related Degree, Industry-Related Work Experience, and Required Credential Matrix
	Credentials **For required credentials,** refer to the Trade and Industrial Education Licensure Related Degree, Industry-Related Work Experience, and Required Credential Matrix for credentials that are required for licensure or to teach specific courses. Credential is required before teaching unless otherwise noted. Credential Certificate/Documentation **must be submitted to NCDPI Licensure.**
	Clearing specific requirements: **Coursework** **A total of 21 semester hours is required from the following courses:** *Note: Coursework can be completed at either a four-year college/university or community college.*

University/Four-Year College Course Title/Content	OR	Community College Course Title/Content
Curriculum, Instructional Planning and Assessments	OR	Introduction to Trade and Industrial Education
Instructional Methods	OR	Instructional Methods
Reading in the Content Area	OR	Reading and Writing Methods
Teaching Diverse Learners Or Special Populations	OR	Special Populations or Introduction to Exceptionalities
Classroom Management of Learning Theory	OR	General Psychology
Environmental Safety and Health	OR	Environmental Safety and Health or Safety
Career and Technical Student Organization	OR	Career and Technical Student Organization

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Area	Requirements
Trade and Industrial Education **Based on a high school diploma** **740**	**Induction** The 40-hour Trade and Industrial Education New Teacher Induction Program approved by the North Carolina Department of Public Instruction, Division of Career and Technical Education is required.

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Core Academic Competence (prior to 2nd year of teaching)

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NOTE: Teachers who have a bachelors or associates degree are exempt from this requirement.

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Praxis I Pre-Professional Skills Assessments (PPST)

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Tests	Scores
Reading	176
Mathematics	173
Writings	173

Beginning September 1, 2013

Reading	156
Mathematics	150
Writings	162

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OR

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Asset (ACT)	Scores
Writing	41
Numerical Skills	41
Reading	41
Elementary Algebra	41

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OR

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Accuplacer:

Tests	Scores (Raw)
Reading Comprehension	80
Sentence Skills	86
Arithmetic	55
Elementary Algebra	75

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OR

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Work Keys:

Tests	Level
Applied Math	4
Locating Information	4
Reading for Information	4
Writing	3

Trade and Industrial Education Licensure
Related Degree, Industry-Related
Work Experience, and Required Credential Matrix

T&I Licensure Area	Examples of Related Degrees	Examples of Industry-Related Work Experience	Required Industry Credential
74010 **Collision Repair**	• Automotive Technology - Collision Repair and Insurance Management • Collision Repair and Refinishing Technology • Auto Collision Technology • Industrial Technology - Auto Collision Repair • Auto Body Repair • Automotive or Mechanical Engineering	• Work in the collision repair • Work in auto painting and refinishing • Automotive glass repair and installation • Auto insurance estimators • Auto detailing • Auto metalworker • Auto welding • Auto electronics • Air condition repair • Collision repair equipment and paint sells	
74015 **Automotive Services**	• Automotive Systems Technology • Transportation Systems Technology • Automotive or Mechanical Engineering	• Industry demonstrated experience in the Automotive repair and service field OR A minimum of three years' experience as a certified teacher in a vocational/technical automotive related training program.	ASE Brakes ASE Electrical ASE MLR ASE Suspension & Steering NOTE: Required before the end of first semester.
	CONTINUED ON NEXT PAGE		

Trade and Industrial Education Licensure
Related Degree, Industry-Related
Work Experience, and Required Credential Matrix

T&I Licensure Area	Examples of Related Degrees	Examples of Industry-Related Work Experience	Required Industry Credential (Before teaching unless noted).
	•	•	
74025 Carpentry	• Carpentry • Construction Management • Building Construction	• Construction industry with demonstrated experience in the carpentry field.	• NCCER ICTP Credential **AND** • OSHA 10-Hour Construction Safety **AND** • Pass an instructor's exam in NCCER Your Role in the Green Environment module. **NOTE:** Required before end of first semester.
	CONTINUED ON NEXT PAGE		

Trade and Industrial Education Licensure
Related Degree, Industry-Related
Work Experience, and Required Credential Matrix

T&I Licensure Area	Examples of Related Degrees	Examples of Industry-Related Work Experience	Required Industry Credential (Before teaching unless noted).

74035
Electrical Trades
	• Electrician
	
	• Construction Management
		• Construction industry with demonstrated experience in the electrical trades' field.	• NCCER ICTP Credential
			  AND
			• OSHA 10-Hour Construction Safety
			  AND
			
			• Pass an instructor's exam in NCCER Your Role in the Green Environment module.
			• NOTE: Required before end of first semester.

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Trade and Industrial Education Licensure
Related Degree, Industry-Related
Work Experience, and Required Credential Matrix

T&I Licensure Area	Examples of Related Degrees	Examples of Industry-Related Work Experience	Required Industry Credential (Before teaching unless noted).
74055 Masonry	• Masonry • Masonry Installer	• Construction industry with demonstrated experience in the masonry field.	• NCCER ICTP Credential **AND** • OSHA 10-Hour Construction Safety **AND** • • Pass an instructor's exam in NCCER Your Role in the Green Environment module. • NOTE: Required before end of first semester.
	CONTINUED ON NEXT PAGE		

Trade and Industrial Education Licensure
Related Degree, Industry-Related
Work Experience, and Required Credential Matrix

T&I Licensure Area	Examples of Related Degrees	Examples of Industry-Related Work Experience	Required Industry Credential (Before teaching unless noted).
74090Manufacturing	• Manufacturing, or Industrial, or Electrical, or Mechanical Engineering • Construction & Cabinetmaking Technology • Construction Design & Manufacturing Cabinetmaking & Mill-Work • Electronics Engineering Technology • Electronics Engineering • Digital Electronics • Metals Manufacturing • Precision Machining	• Industry demonstrated experience in the Production Manufacturing field To teach cabinetmaking: • Industry demonstrated experience in the Cabinetmaking field or woodworking field To teach Electronics: • Industry demonstrated experience in troubleshooting and repairing electronics components in the Electronics industry. To teach metals: • Industry demonstrated experience in the Metals Manufacturing field such as Machinist work, Mechanical engineering with demonstrated performance of metals machining task, or Tool and Die.	To teach Advanced Manufacturing I & II: CPT certification NOTE: Required before end of first year of teaching. To teach Cabinetmaking I, II & III: Recommend WCA Certification To teach Electronics I, II, III, & IV: Electronics Technicians Association aCET certification NOTE: Required before end of first year of teaching NIMS certification in the following areas by the end of the first year of teaching: Measurement, Materials & Safety Job Planning, Benchwork & Layout Manual Milling Skills I

Trade and Industrial Education Licensure
Related Degree, Industry-Related
Work Experience, and Required Credential Matrix

T&I Licensure Area	Examples of Related Degrees	Examples of Industry-Related Work Experience	Required Industry Credential (Before teaching unless noted).
74070 Drafting	• Mechanical Engineering • Drafting • CAD • Architectural Drafting • Engineering Drafting	• Construction industry with demonstrated experience in the drafting field. • Draftsman • CAD designer • Architect	• AutoDesk AutoCAD Certified User • AutoDesk Inventor Certified User • AdutDesk Revist Certified User • Certified SolidWorks Associate Before the end of the provisional license
74080 Welding	• Welding Engineering • Welding Technology	• Construction industry with demonstrated experience in the welding field.	American Welding Society SMAW 1234 FG GTAW 1234 FG Before the end of the provisional license
74095 Specialized (for new innovative programs)	• Degree must be related to the specialty area being taught.	• Work in industry associated with the specialty area with demonstrated experience associated with the defined specialty field.	• If specialty area course focuses on a specific industry certification, that certification would be required within the first year of teaching
	CONTINUED ON NEXT PAGE		

Trade and Industrial Education Licensure
Related Degree, Industry-Related
Work Experience, and Required Credential Matrix

T&I Licensure Area	Examples of Related Degrees	Examples of Industry-Related Work Experience	Required Industry Credential (Before teaching unless noted).
74098 Digital Media	• Audio/recording Arts • Audio Recording Engineering • Audio/Video Production • Communications • Computer Animation • Digital Animation • Digital Production • Filmmaking/Editing • Film/Video • Game Art & Design • Graphic Arts • Graphic Communications • Graphic Design • Instructional Technology • Media Arts • Multimedia • Photography • Recording Arts • Sound/Audio Engineering • Television Broadcasting • Visual Communications • Web Design	• Broadcasting industry – Television or Radio • Printing industry • Film industry • Photography Industry • Internet production industry to include web design • Instructional technology – working with teacher/instructors to implement digital media project in the classroom or school system.	NCDPI digital media sponsored course To teach Adobe Academy courses, the following credentials are required: • Adobe Visual Design: Adobe Certified Associate (ACA) in Adobe Photoshop, Adobe InDesign, and Adobe Illustrator • Adobe Digital Design: ACA Adobe Dreamweaver • Adobe Video Design: ACA Adobe Premiere To teach Digital Media courses, the following credentials are required: All 5 Adobe ACA certifications listed above To teach Printing Graphics courses, the following credentials are required: • Printing Graphic Courses: PrintEd certifications for the specific course the instructor is teaching. Note: Certification must be obtained by the end of their first year of teaching that course and kept on file with the LEA.

T&I Licensure Area	Examples of Related Degrees	Examples of Industry-Related Work Experience	Required Industry Credential (Before teaching unless noted).
74099 Public Safety	- Fire Science - Law Enforcement - EMS Management - Any Medical Related Degree such as nursing, EMT, paramedic. - Environmental Management - Public Personnel Management - Leadership / Disaster Preparedness and Crisis Management - Critical Incident Management - Executive Fire Service Leadership - Public Safety Administratio n - Homeland Security - Justice of Homeland Security - Public Personnel Management - Leadership in Disaster Preparedness and Crisis Management - Paralegals and Legal Assistants - Criminal Psychologist - Corrections and Jailers - Police Officers - Forensic - Physical Education - Athletic Training - Sociology	- For Public Safety I and II and Emergency Management, any area of public safety is acceptable (fire, law, medical, emergency management). - For Fire Fighting Technology, experience as a fire personnel (Volunteer fire personnel are counted as full time fire personnel because they must meet the same requirements for continuing education and a must maintain a certain level of fire calls attended as does the paid fire personnel to continue as a volunteer for that particular fire station). The teacher must be recognized by the Office of State Fire Marshall as a "Qualified" Fire Instructor. - Law and Justice experience as a law enforcement officer in any agency in the field of law enforcement. - Experience as an EMT and/or paramedic.	To teach Public Safety,I no specific certification is required only relevant work experience. To teach Public Safety II certification from NCDPS in C.E.R.T. is required To teach Fire Fighter Technology, the following credentials are required: - Qualified NC Fire Fighter II Instructor as recognized by NC OSFM To teach EMT, the following credentials are required: - Qualified NC EMT Instructor as recognized by NC OEMS To teach Law and Justice, the following credentials are required: - Qualified NC Law Enforcement Officer Certification recognized by an official NC State Government Agency or paralegal certification. - To teach Emergency Management, any licensed 74099 Public Safety teacher can teach these courses but must obtain all certifications offered in each course within the first year of teaching.

Requirements for Adding
Specific Trade and Industrial Education Areas to Existing License

74098 Licensure Requirements Digital Media Content	
74098 license may teach digital media and multimedia courses	
Already Licensed In	**Requirements**
74045 Printing Graphics (Current Clear License)	Applicants **must** complete a NCDPI Career and Technical Education sponsored workshop for digital media **Non-Teaching work experience for the above areas is relevant and transferable**
74070 Drafting (Current Clear License)	Applicants **must** complete a NCDPI Career and Technical Education sponsored workshop for digital media **Non-Teaching work experience for the above areas is relevant and transferable**
74095 Specialized (with a clear license and a digital media background)	Applicants **must** complete a NCDPI Career and Technical Education sponsored workshop for digital media **Non-Teaching work experience for the above areas is relevant and transferable**

760 Business Finance and Information Technology (Current Clear License)	Applicants **must** complete a NCDPI Career and Technical Education sponsored workshop for digital media **and depending on previous coursework or certifications,**
	 9 semester hours of related coursework (prior to clearing licenses) i.e.
	     - Animation
	     - Computer Digital Input Systems
	     - E-Commerce
	     - Graphic Communication
	     - Multimedia Production
	     - Photography
	     - Web Design
	     Other course work may apply.
	 Related Work Experience – Not Required

820 Technology Education (Current Clear License)	Applicants **must** complete a NCDPI Career and Technical Education sponsored workshop for digital media **and depending on previous coursework or certifications,**
	
	 9 semester hours of related coursework (prior to clearing licenses) i.e.
	     - Animation
	     - Computer Digital Input Systems
	     - E-Commerce
	     - Graphic Communication
	     - Multimedia Production
	     - Photography
	     - Web Design
	     Other coursework may apply.
	 Related Work Experience – Not Required

Requirements for Adding
Specific Trade and Industrial Education Areas to Existing License

Already Licensed In	Area to be Added	Requirements
820 Technology Education[1]* * **Please see Footnote**	74070 – Drafting	**Course requirements:** 15 semester hours of concentration in drafting (i.e. drafting, mechanical drawing, computer aided design, etc.) **Clearing course requirements:** Three (3) years from the issue of initial license. **Related Work Experience – Not Required**

74090 Manufacturing
 	
 760 Business Finance and Information Technology
 	
 820 Technology Education
	765 Information Technology	Must have one of the following certifications:
		     COMPTIA A+ Certification
		     NET+
		     Cisco CCENT
		     Cisco CCNA
		 <center>**OR**</center>
		 Completion of COMPTIA A+ coursework that covers both the hardware and the operating system objectives or Cisco Networking coursework prior to teaching in this area **and** obtaining certification by June 30th after third year of teaching to clear the provisional licensure.

Requirements for Adding
Specific Trade and Industrial Education Areas to Existing License

1. *Non-Teaching work experience is relevant and transferable.*	

Trade and Industrial Education Endorsement Areas	Requirements
18025Carpentry Endorsement	A Carpentry Endorsement may be added to any Construction License with demonstrated experience in carpentry.
18035Electrical Trade Endorsement	An Electrical Trade Endorsement may be added to any Construction License with demonstrated experience in electrical trades.
18055Masonry Endorsement	A <u>Masonry</u> Endorsement may be added to any Construction License with demonstrated experience in masonry.
Project Management **18740**	<u>**Eligibility Requirements:**</u> <u>**Teaching License**</u> A clear or provisional or lateral entry license in Trade and Industrial Education. **AND** Hold a current Project Management credential/certificate **OR** Have successfully completed a Project Management preparation course endorsed by NCDPI Career and Technical Education
Computer Programming **18750**	<u>**Eligibility Requirements:**</u> <u>**Teaching License**</u> A clear or provisional or lateral entry teaching license is required in Business Finance, and Information Technology Education OR a license in Marketing Education, Mathematics Education, Technology Education, or Trade and Industrial education ("A" level) **AND** The following coursework: (15 semester hours) Programming (two courses from the same language) Object-oriented design Data structures and algorithms Computer hardware and organization <table><tr><td><u>**In order to teach:**</u> <u>**Computer Programming Course**</u> AP Computer Science AP Computer Science Principles Computer Programming I and II Introduction to Computer Programming SAS Programming I and II</td><td><u>**Required:**</u> <u>**Credential/Training**</u> AP approved training AP approved training Visual Basic.NET or newer NC DPI training SAS Training</td></tr></table>

Area	Requirements
Instructional Management Coordinator **830**	**Eligibility Requirements:**
	Degree A bachelor's degree and current license in any Career and Technical Education program area **OR** A current license in Curriculum Instructional Specialist **OR** Instructional Technology Specialist – computers **OR** telecommunications
	Work experience Five years work experience within the past eight years in one of the following: ♦ Classroom teacher in a Career and Technical Education program area **OR** ♦ Professional support position in an educational setting ♦ Examples: Career Development Coordinator, Special Populations Coordinator, Curriculum Instructional Specialist, or Instructional Technology Specialist – Computers and/or Telecommunications
	Clearing specific requirements Microsoft Office Specialist Certification – Excel (Before the end of the provisional license)
	Induction The 40-hour Instructional Management Coordinator Induction Program approved by the North Carolina Department of Public Instruction, Division of Career and Technical Education is required.

1.60 Endorsement

An endorsement is an attachment to a full license area, which allows the individual to teach a specific subject on a half-time or less basis. Endorsements shall be issued by the Department of Public Instruction based on a minimum of eighteen semester hours in the specific content area. Effective June 30, 2006, endorsements will no longer be issued in and cannot be used for teaching at the elementary grades level or at the middle and high school levels in license areas required for teaching the core academic subjects.

Teachers with the following endorsements are not subject to the limits of half-time teaching and may teach full time in the endorsement area:

1) Chemistry (assigned to teach physical science)*
2) Elementary second language*
3) Journalism
4) K-12 computer education
5) Physics (assigned to teach physical science)*
6) Principles of technology*
7) Chinese*
8) Italian*
9) Psychology
10) Career and Technical Education endorsement areas

*Effective June 30, 2006, endorsements cannot be used in these areas.

Endorsements can be converted to full licenses based on the following:
(a) Completion of 6 additional semester hours (total of 24 semester hours) in the content subject area; or
(b) Satisfactory completion of the required NCSBE approved Specialty Area Exams; or
(c) Verification of three years of successful teaching in the subject area and the NC HOUSSE.

1.70 Initial Lateral Entry License

An individual who has not completed an approved teacher education program may be licensed under the following lateral entry provisions:
(1) Be selected for employment by a North Carolina school system;
(2) Hold at least a bachelor's degree from a regionally accredited college or university in the subject area in which they are employed to teach or hold at least a bachelor's degree from a regionally accredited college or university and have satisfied the NCSBE approved testing requirements for the license area and meet the requirements to be designated "highly qualified". To be designated "highly qualified," elementary and exceptional children's teachers must pass the NCSBE approved exam(s). To be designated "highly qualified," middle school, high school, and special subject area teachers (e.g., art, music, second languages) must hold a bachelor's or master's degree in the specific area, or have 24 semester hours in the area, or pass the NCSBE approved exam(s) in the area(s).
(3) Have a minimum cumulative grade point average (GPA) of 2.5 or have five years of experience considered relevant by the LEA, or have passed the NCSBE approved exam(s) and have attained one of the following:

a) a GPA of at least 3.0 on all work completed in the senior year;
b) a GPA of at least 3.0 in the major; or
c) a GPA of at least 3.0 in a minimum of 15 semester hours of course work completed after the bachelor's degree was earned and within the last 5 years.

A person who holds a lateral entry license shall complete a program that includes the following components:

(1) completion of an approved teacher education program in the area of licensure at a college or university or completion of a program of study outlined by the Regional Alternative Licensing Centers;

Prescribed academic *content* coursework that is available through community colleges may be used to satisfy licensure requirements. General pedagogy competencies can be satisfied as follows.

General Pedagogy Competencies	Completed Through
Educational/Instructional Technology	Approved Teacher Education Program or Community College or Local Education Agency (if employed)
Understanding the Learner: Human Growth and Development	Approved Teacher Education Program or Community College
Learning Theory; Learning Styles; Motivation; How Children/Adolescents Learn	Approved Teacher Education Program or Community College
Meeting Special Learning Needs; Exceptionalities; Diversity	Approved Teacher Education Program
Literacy/Reading Methods	Approved Teacher Education Program
Instructional Methods	Approved Teacher Education Program
School Policies/Procedures	Approved Teacher Education Program or Community College or Local Education Agency (if employed)
Home/School/Community Collaborations	Approved Teacher Education Program or Community College or Local Education Agency (if employed)
Classroom Management/Organizing the Classroom to Maximize Learning	Approved Teacher Education Program or Community College or Local Education Agency (if employed)

(2) attaining passing score on the NCSBE approved subject exam(s) during the first three school years of holding the lateral entry license if the exam(s) was/were not the basis of qualifying for the license;

(3) completion of a staff development program that includes a two-week training course LEAs may elect to distribute training days across the lateral entry teacher's first year of service provided that at least five days of training are conducted prior to beginning the work assignment.

(4) successful completion of a three-year beginning teacher support program;

(5)   completion of all above requirements within 3 years of becoming eligible for a lateral entry license and recommendation of the IHE or RALC for clear licensure.

Individuals who possess five or more years of experience considered relevant by the LEA and satisfy NCSBE approved testing requirements for the licensure area(s) within the first year of teaching shall be issued an Initial license upon**:**

a. Completion of the NC TEACH modules or the equivalent through an approved teacher education program: 1) The Teacher, The Learner, and The School; 2) Diversity; 3) Content Area Pedagogy. (Note: The NC TEACH modules are offered and administered through NC colleges and universities with approved teacher education programs. **and**

b. Completion of the NC TEACH module on Instructional Technology or the equivalent through an approved teacher education program, community college, or through professional development offered by the LEA; **and**

c. Completion of one year of teaching as verified by the employing LEA.

The employing school system shall formally commit to supporting the lateral entry teacher by:
(1)   providing a two-week orientation that includes:
   a. lesson planning,
   b. classroom organization,
   c. classroom management, including positive management of student behavior, effective communication for defusing and deescalating disruptive or dangerous behavior, and safe and appropriate use of seclusion and restraint,
   d. an overview of the ABCs Program including the standard course of study and end-of-grade and end-of-course testing, and
   e. the identification and education of children with disabilities.
(2)   assignment of a mentor on or before the first day on the job;
(3)   providing working conditions that are appropriate for all novice teachers;
(4)   giving regular focused feedback to the teacher for improving instruction; and
(5)   assisting the individual in accessing prescribed course work and professional development opportunities;
(6)   providing all other supports included in the LEA's Beginning Teacher Support Program.

Individuals who do not fulfill the requirements of their lateral entry license within the three years they are initially given may be issued another lateral entry license provided:

1. they have passed the required NCSBE approved exam(s) for the specialty area(s) in which the license will be issued and at least six years have elapsed since the prior lateral entry license was issued.

1.75   Lateral Entry for Licensed Educators

At the request of an employing school system, an individual who holds a clear (non-restricted) license in a teaching, administrative, supervisory, or student services area may be issued a lateral entry license in a teaching area provided he/she meets the state requirements to be designated

highly qualified in the teaching area. Licensed educators who are issued a lateral entry license shall be subject to the requirements for lateral entry teachers detailed in Section 1.70 of this policy.

1.80   Alternative Entry License

Alternative entry licenses shall be issued to individuals if requested by an employing LEA that has determined there is or anticipates there will be a shortage of qualified teachers available for specified subjects or grade levels. The LEA shall have developed a plan to determine the individual's competence as a teacher, including review of the performance of students taught by the individual. The alternative entry license is a one-year temporary license.

Eligibility Criteria

To qualify for an alternative entry license, the individual must:

1) hold at least a bachelor's degree from a regionally accredited college or university;

2) (a) hold a valid (current) out-of-state certificate with a minimum of one year of classroom

      teaching experience considered relevant by the local board to the grade of subject to be taught; or

    (b) have at least one year of full-time classroom teaching experience considered relevant by the local board to the grade or subject to be taught, as a professor, associate professor, assistant professor, instructor, or visiting lecturer at a regionally accredited college or university; or

    (c) have three years of other experience provided the local board determines that both the individual's experience and postsecondary education are relevant to the grade or subject to be taught.

1) During the period of employment with an alternative entry license, the individual shall receive an annual evaluation and multiple observations.

2) The individual's competence as a teacher, including review of the performance of students taught by the individual, shall be assessed according to the plan developed by the local board.

3) If the individual does not have one year of classroom teaching experience, a mentor teacher shall be provided by the local board.

4) If the individual qualifying for the alternative license under eligibility criteria 3a is deemed competent based on the plan adopted by the local board and recommended for re-employment, she/he is then eligible for a Standard Professional 1 or Standard Professional 2 NC teacher license and is not required to take and pass a standard examination. It shall be the responsibility of the local board to submit the required forms to the Licensure Section for the license to be processed. An individual who receives a Standard Professional 1 or Standard Professional 2 NC teacher license under this option shall be subject to the same requirements for continuing licensure and license renewal as other teachers who hold initial or continuing NC teacher licenses.

5) If the individual qualifying for this license under eligibility criteria 3b or 3c is deemed competent based on the plan adopted by the local board and recommended for re-employment by the local board and the individual has passed the Praxis examinations applicable for the area of licensure, the individual is then eligible for a Standard Professional 1 or Standard Professional 2 NC teacher license. It shall be the responsibility of the local board to submit the required forms to the Licensure Section for the license to be processed. An individual who receives a Standard Professional 1 or Standard Professional 2 NC teacher license under this option shall be subject to the same requirements for continuing licensure and license renewal as other teachers who hold initial or continuing NC teacher licenses.

   If the individual qualifying for this license under eligibility criteria 3b or 3c does not pass the required Praxis examinations within the first year of alternative entry licensure, she/he may be employed under the provisions of lateral entry.

1.85 International Faculty License

Individuals on a cultural exchange visa who hold at least a baccalaureate degree earned at the equivalent of a regionally accredited institution, meet their countries' requirements for qualified

teachers, and have at least two years of actual classroom teaching experience may be issued an International Faculty license for a maximum of three years. The International Faculty license is not renewable. To be eligible for this license, the teacher must complete the equivalent of North Carolina's *H*igh *O*bjective *S*tate *S*tandard of *E*valuation administered by an evaluator authorized by the North Carolina Department of Public Instruction. For purposes of PL 107-110 (No Child Left Behind) this constitutes a full license.

Individuals on a cultural exchange visa who hold at least a baccalaureate degree earned at the equivalent of a regionally accredited institution and meet their countries' requirements for qualified teachers, but with less than two years of actual classroom teaching experience, may be issued an International Faculty license to participate in a federally approved pilot program for teachers from other countries provided they otherwise meet the "Highly Qualified" requirements of No Child Left Behind. The International Faculty license will be issued for a maximum of three years and is not renewable.

Teachers issued the International Faculty license may have their native language added to their license by earning a rating of at least "~~Intermediate High~~Advanced Low" proficiency on the ACTFL (American Council on the Teaching of Foreign Languages) Oral Proficiency Test.

1.90 Emergency Permit to Practice

Effective July 1, 2016 at the request of the employing LEA, the Department shall issue an emergency permit to practice for a teaching assignment at the A-00 pay level to persons who hold at least a baccalaureate degree from a regionally accredited IHE but who do not qualify for a license under any other approach. The emergency permit to practice shall be valid for one year and may not be renewed. When it requests an emergency permit to practice, the LEA must document that no appropriately licensed professionals or persons who are eligible for a lateral entry license are available to accept the position.

Individuals who have been employed on an emergency permit may be issued a lateral entry license if eligible. (See 1.70 of this policy)