

**Provisional Licensing Requirements for
Career and Technical Education
Effective July 1, 2012**

| Area | Requirements |
|--|---|
| <p>Agricultural Education</p> <p style="text-align: center;">700</p> | <p><u>Eligibility Requirements</u></p> <p><u>Degree</u> 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</p> <p><u>Work Experience</u></p> <ul style="list-style-type: none"> ◆ 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 <p><u>Credential</u> None</p> <p><u>Clearing specific requirements:</u> Coursework (18 semester hours with a minimum of 6 semester hours per school year) A total of 15 semester hours are required from the following courses:</p> <ul style="list-style-type: none"> ◆ Curriculum, Instructional Planning, and Assessments in Agricultural Education ◆ Instructional Methods in Agricultural Education ◆ Reading in the Content Area Methods ◆ Meeting Special Learning Needs; Exceptionalities; Diversity ◆ Classroom Management OR Learning Theory; Learning Styles; Motivation; How Adolescents Learn <p style="text-align: center;">AND</p> <p>3 semester hours are required from one of the following elective courses:</p> <ul style="list-style-type: none"> ◆ Career and Technical Student Organization Management ◆ Supervised Agricultural Experience <p><u>Credential</u> Praxis II is not required</p> <p><u>Induction</u> The 40-hour Agricultural Education New Teacher Induction Program approved by the Agricultural Education State Staff, North Carolina State University is required.</p> |

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| <p>Business and Information Technology Education</p> <p style="text-align: center;">760</p> | <p><u>Eligibility Requirements:</u></p> <p><u>Degree</u> Bachelor's degree in related area Examples: Accounting, Administrative Systems, Business Administration, Entrepreneurship, Finance, Information Technologies, Management/MIS (Management Information Systems), Marketing</p> <p><u>Work Experience</u></p> <ul style="list-style-type: none"> ◆ 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 <p><u>Credential/Training</u> Training in the certification (i.e., IC³ 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.</p> <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;"><u>IT Course</u></th> <th style="text-align: left;"><u>Credential/Training</u></th> </tr> </thead> <tbody> <tr> <td>All Courses</td> <td><i>Praxis II Specialty Area (Test # 100,) and one of the following:</i> IC³, or MOS</td> </tr> <tr> <td>Microsoft Word, PowerPoint, and Publisher</td> <td>MOS certification in Word MOS certification in PowerPoint</td> </tr> <tr> <td>Microsoft Excel and Access</td> <td>MOS certification in Excel MOS certification in Access</td> </tr> <tr> <td>Computer Programming I & II</td> <td>6 SH - VB.Net Coursework</td> </tr> <tr> <td>Database Programming I</td> <td>Oracle 1Z0-007 SQL</td> </tr> <tr> <td>Database Programming II</td> <td>Oracle 1Z0-147 PL/SQL</td> </tr> <tr> <td>e-Commerce I & II</td> <td>CIW, WOW OR eBiz+ WC3 HTML Developer certificate e – Commerce I, Web Communication with Adobe Dreamweaver Certificate e-Commerce II</td> </tr> </tbody> </table> <p style="text-align: center;">CONTINUED ON NEXT PAGE</p> | <u>IT Course</u> | <u>Credential/Training</u> | All Courses | <i>Praxis II Specialty Area (Test # 100,) and one of the following:</i> IC ³ , or MOS | Microsoft Word, PowerPoint, and Publisher | MOS certification in Word MOS certification in PowerPoint | Microsoft Excel and Access | MOS certification in Excel MOS certification in Access | Computer Programming I & II | 6 SH - VB.Net Coursework | Database Programming I | Oracle 1Z0-007 SQL | Database Programming II | Oracle 1Z0-147 PL/SQL | e-Commerce I & II | CIW, WOW OR eBiz+ WC3 HTML Developer certificate e – Commerce I, Web Communication with Adobe Dreamweaver Certificate e-Commerce II |
| <u>IT Course</u> | <u>Credential/Training</u> | | | | | | | | | | | | | | | | |
| All Courses | <i>Praxis II Specialty Area (Test # 100,) and one of the following:</i> IC ³ , or MOS | | | | | | | | | | | | | | | | |
| Microsoft Word, PowerPoint, and Publisher | MOS certification in Word MOS certification in PowerPoint | | | | | | | | | | | | | | | | |
| Microsoft Excel and Access | MOS certification in Excel MOS certification in Access | | | | | | | | | | | | | | | | |
| Computer Programming I & II | 6 SH - VB.Net Coursework | | | | | | | | | | | | | | | | |
| Database Programming I | Oracle 1Z0-007 SQL | | | | | | | | | | | | | | | | |
| Database Programming II | Oracle 1Z0-147 PL/SQL | | | | | | | | | | | | | | | | |
| e-Commerce I & II | CIW, WOW OR eBiz+ WC3 HTML Developer certificate e – Commerce I, Web Communication with Adobe Dreamweaver Certificate e-Commerce II | | | | | | | | | | | | | | | | |

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| <p>Business and Information Technology Education</p> <p style="text-align: center;">760</p> <p style="text-align: center;">Continued</p> | <p><u>Clearing specific requirements:</u> Coursework (18 semester hours with a minimum of 6 semester hours per school year are required) A total of 15 semester hours are required from the following courses:</p> <ul style="list-style-type: none"> ◆ Curriculum, Instructional Planning, and Assessments in Business and Information Technology Education ◆ Instructional Methods in Business and Information Technology Education ◆ Reading in the Content Area Methods ◆ Meeting Special Learning Needs; Exceptionalities; Diversity ◆ Classroom Management OR Learning Theory; Learning Styles; Motivation; How Adolescents Learn <p style="text-align: center;">AND</p> <p>3 semester hours are required from one of the following elective courses:</p> <ul style="list-style-type: none"> ◆ Advanced computer courses such as HTML, Business Computer Programming, Database Programming ◆ Business Information Systems ◆ Digital Communications Systems ◆ Personal Finance ◆ Business Law ◆ Finance ◆ Accounting <p><u>Induction</u> The 40-Hour Business 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.</p> |
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| <p>Business and Information Technology Education</p> <p><u>Network Administration</u></p> <p style="text-align: center;">762</p> <p style="text-align: center;"><i>(May only teach Networking I and Network Administration)</i></p> | <p><u>Eligibility Requirements:</u></p> <p><u>Degree</u> Associate's degree in:</p> <ul style="list-style-type: none"> ◆ IT Related Majors ◆ Computer Science ◆ Information Technologies ◆ Network Administration <p><u>Work Experience</u></p> <ul style="list-style-type: none"> ◆ Four years industry-related work experience within past eight years. ◆ 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: database administrator, information systems administrator, network administrator, network architect, network designer, network engineer, network manager <p><u>Industry Credential/Training</u> Training in the certification 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.</p> <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;"><u>IT Course</u></th> <th style="text-align: left;"><u>Credential/Training</u></th> </tr> </thead> <tbody> <tr> <td>All Courses</td> <td>IC³, MOS</td> </tr> <tr> <td><u>Network Administration I</u></td> <td>Microsoft MTA, OS Fundamentals 98-369, Networking Fundamentals 98-366, Windows Serv. Fundamentals 98-365, Security Fundamentals 98-367</td> </tr> <tr> <td><u>Network Administration II</u></td> <td>MST Windows Configuration 70-680</td> </tr> <tr> <td><u>Network Administration III</u></td> <td>MCDST Windows 7 Enterprise Desktop Support Technician 73-685</td> </tr> </tbody> </table> <p style="text-align: center;">CONTINUED ON THE NEXT PAGE</p> | <u>IT Course</u> | <u>Credential/Training</u> | All Courses | IC ³ , MOS | <u>Network Administration I</u> | Microsoft MTA, OS Fundamentals 98-369, Networking Fundamentals 98-366, Windows Serv. Fundamentals 98-365, Security Fundamentals 98-367 | <u>Network Administration II</u> | MST Windows Configuration 70-680 | <u>Network Administration III</u> | MCDST Windows 7 Enterprise Desktop Support Technician 73-685 |
| <u>IT Course</u> | <u>Credential/Training</u> | | | | | | | | | | |
| All Courses | IC ³ , MOS | | | | | | | | | | |
| <u>Network Administration I</u> | Microsoft MTA, OS Fundamentals 98-369, Networking Fundamentals 98-366, Windows Serv. Fundamentals 98-365, Security Fundamentals 98-367 | | | | | | | | | | |
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| <u>Network Administration III</u> | MCDST Windows 7 Enterprise Desktop Support Technician 73-685 | | | | | | | | | | |

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| <p>Business and Information Technology Education</p> <p><u>Network Administration</u></p> <p style="text-align: center;">762</p> <p style="text-align: center;">Continued</p> | <p><u>Clearing Specific Requirements:</u> Coursework (18 semester hours with a minimum of 6 semester hours per school year) A total of 15 semester hours are required from the following courses:</p> <ul style="list-style-type: none"> ◆ Curriculum, Instructional Planning, and Assessments in Business and Information Technology Education ◆ Instructional Methods in Business and Information Technology Education ◆ Reading in the Content Area Methods ◆ Meeting Special Learning Needs; Exceptionalities; Diversity ◆ Classroom Management OR Learning Theory; Learning Styles; Motivation; How Adolescents Learn <p style="text-align: center;">AND</p> <p>3 semester hours are required from one of the following elective courses:</p> <ul style="list-style-type: none"> ◆ Advanced computer courses such as HTML, Business Computer Programming, Database Programming ◆ Business Information Systems <p><u>Induction</u> The 40-hour Business 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.</p> |
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| Business and Information Technology Education Endorsement Areas | Requirements |
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| <p><u>Project Management</u></p> <p><u>Must be currently licensed in Business and Information Technology 760 or 762</u></p> | <p><u>Eligibility Requirements:</u> <u>Teaching License</u> A clear or provisional or lateral entry license in Business and Information Technology Education.</p> <p style="text-align: center;">AND</p> <p>Hold a current Project Management credential/certificate</p> <p style="text-align: center;">OR</p> <p>Have successfully completed a Project Management preparation course endorsed by NCDPI Career and Technical Education.</p> |

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| Career Development Coordinator 747 <u>Based on Career and Technical Education License</u> | <p><u>Eligibility Requirements:</u></p> <p><u>Degree</u> Bachelor's degree and current license in any Career and Technical Education program area</p> <p><u>Work Experience</u></p> <ul style="list-style-type: none"> ◆ One year of industry-related career development work experience in business, industry, or labor within the past five years <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> ◆ 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 <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> ◆ One year as a Career and Technical Student Organization (CTSO) adviser within the past five years <p><u>Clearing specific requirements:</u></p> <p><u>Coursework:</u> A total of 6 semester hours (to be completed in one school year) are required from the following courses:</p> <ul style="list-style-type: none"> ◆ Counseling theory, 3 semester hours (required) <p>3 semester hours are required from the following:</p> <ul style="list-style-type: none"> ◆ Career development and counseling ◆ Career and life planning ◆ Career development and occupational information <p style="text-align: center;">OR</p> <p>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).</p> <p>Note: The CDF course will satisfy the 6 hour coursework requirement.</p> <p><u>Induction</u></p> <p>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.</p> |

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| <p><u>Career Development Coordinator 747</u></p> <p><u>Based on master's degree in school counseling</u></p> | <p><u>Eligibility Requirements:</u></p> <p><u>Degree</u> Master's degree in school counseling or career counseling and a clear license as a school counselor</p> <p><u>Work Experience</u></p> <ul style="list-style-type: none"> ◆ One year of industry-related career development work experience in business, industry, or labor within the past five years <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> ◆ 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 <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> ◆ One year work experience in school counseling within the past five years <p><u>Clearing Specific Requirements:</u></p> <p><u>Coursework</u> A total of 6 semester hours (to be completed in one school year) are required from the following courses:</p> <ul style="list-style-type: none"> ◆ Program planning and organization in Career and Technical Education ◆ Work-based learning organization <p style="text-align: center;">OR</p> <p>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)</p> <p>Note: The CDF course will satisfy the 6 hour coursework requirement.</p> <p><u>Induction</u></p> <p>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.</p> |

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| <p style="text-align: center;">Career and Technical Education Director 711</p> <p><u>Based on CTE License</u></p> | <p><u>Eligibility Requirements:</u></p> <p><u>Degree</u> Master’s degree and a current license in a Career and Technical Education program area are required</p> <p><u>Work Experience</u></p> <ul style="list-style-type: none"> ◆ 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) <p><u>Clearing Specific Requirements:</u></p> <p><u>Coursework</u> A total of 9 semester hours with a minimum of 6 semester hours per school year) are required from the following elective courses:</p> <ul style="list-style-type: none"> ◆ 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 <p><u>Credential</u> Praxis II – Educational Leadership: Administration and Supervision</p> <p><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.</p> |

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| <p style="text-align: center;">Career and Technical Education Director 711</p> <p style="text-align: center;"><u>Based on principal license and master's degree or higher</u></p> | <p><u>Eligibility Requirements:</u></p> <p><u>Degree</u> Master's degree or educational specialist degree or educational doctorate degree and a current principal license are required.</p> <p><u>Work Experience</u></p> <ul style="list-style-type: none"> ◆ 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.) <p><u>Clearing Specific Requirements:</u></p> <p><u>Coursework</u> A total of 3 semester hours with a minimum of 3 semester hours per school year) are required from the following elective courses:</p> <ul style="list-style-type: none"> ◆ CTE Fundamentals and Program Improvement <p><u>Credential</u> Praxis II – Educational Leadership: Administration and Supervision</p> <p style="text-align: center;">OR</p> <p>Praxis II – School Leadership Licensure Assessment</p> <p><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.</p> |

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| <p style="text-align: center;">Family and Consumer Sciences Education</p> <p style="text-align: center;"><u>General</u></p> <p style="text-align: center;">710</p> <p style="text-align: center;"><i>(May teach all FACS courses)</i></p> | <p>Eligibility Requirements:</p> <p><u>Degree</u> Bachelor's degree: General Family and Consumer Sciences</p> <p><u>Work Experience</u></p> <ul style="list-style-type: none"> ◆ 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 <p><u>Credential</u> Required before teaching Transcript/Credential must be submitted to NCDPI Licensure</p> <ul style="list-style-type: none"> ◆ Food safety and sanitation credential or industry coursework required (minimum 12 contact hours) required before teaching foods and culinary courses and courses with foods units. <p><u>Clearing specific requirements: General Family and Consumer Sciences Coursework (18 semester hours with a minimum of 6 semester hours per school year)</u></p> <p>A total of 15 semester hours are required from the following courses:.</p> <ul style="list-style-type: none"> ◆ Curriculum, Instructional Planning, and Assessments in Family and Consumer Sciences Education ◆ Instructional Methods in Family and Consumer Sciences Education ◆ Reading in the Content Area Methods ◆ Meeting Special Learning Needs; Exceptionalities; Diversity ◆ Classroom Management OR Learning Theory; Learning Styles; Motivation; How Adolescents Learn <p style="text-align: center;">AND</p> <p>3 semester hours are required from one the following elective courses:</p> <ul style="list-style-type: none"> ◆ Career and Technical Student Organization Management ◆ Educational/Instructional Technology ◆ Consumer Education and Financial Literacy ◆ Human Development Lifespan ◆ Management of Work-based Learning <p><u>Credential</u> Praxis II Specialty Area exam is required.</p> <p style="text-align: center;">CONTINUED ON NEXT PAGE</p> |

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| <p>Family and Consumer Sciences</p> <p>Continued</p> | <p><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.</p> |
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| <p style="text-align: center;">Family and Consumer Sciences Education</p> <p style="text-align: center;"><u>Apparel</u></p> <p style="text-align: center;">712</p> <p style="text-align: center;"><i>(May only teach Apparel and Fashion FACS courses)</i></p> | <p><u>Eligibility Requirements:</u></p> <p><u>Degree</u> A bachelor’s degree in a relevant area is required. Example: Fashion/Apparel Design, Textile Design, Fashion Merchandising</p> <p><u>Work Experience</u></p> <ul style="list-style-type: none"> ◆ 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 <p><u>Clearing specific requirements: Apparel Design</u> Coursework (18 semester hours with a minimum of 6 semester hours per school year) A total of 15 semester hours are required from the following courses:</p> <ul style="list-style-type: none"> ◆ Curriculum, Instructional Planning, and Assessments in Family and Consumer Sciences Education ◆ Instructional Methods in Family and Consumer Sciences Education ◆ Reading in the Content Area Methods ◆ Meeting Special Learning Needs; Exceptionalities; Diversity ◆ Classroom Management OR Learning Theory; Learning Styles; Motivation; How Adolescents Learn <p style="text-align: center;">AND</p> <p>3 semester hours are required from one of the following elective courses:</p> <ul style="list-style-type: none"> ◆ Career and Technical Student Organization Management ◆ Educational/Instructional Technology ◆ Consumer Education and Financial Literacy ◆ Human Development Lifespan ◆ Management of Work-based Learning <p><u>Credential</u> Praxis II is not required for this license.</p> <p><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.</p> |

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| <p style="text-align: center;">Family and Consumer Sciences Education</p> <p style="text-align: center;"><u>Child Development/ Family Studies</u></p> <p style="text-align: center;">714</p> <p style="text-align: center;"><i>(May only teach Parenting and Child Development and Early Childhood Education FACS courses)</i></p> | <p><u>Eligibility Requirements:</u></p> <p><u>Degree</u> Bachelor's degree in a related area is required. Examples: Child Development and Family Relations, Family Studies, Child Psychology</p> <p><u>Work Experience</u></p> <ul style="list-style-type: none"> ◆ 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 <p><u>Clearing specific requirements: Child Development/Family Studies Coursework (18 semester hours with a minimum of 6 semester hours per school year)</u></p> <p>A total of 15 semester hours are required from the following courses:</p> <ul style="list-style-type: none"> ◆ Curriculum, Instructional Planning, and Assessments in Family and Consumer Sciences Education ◆ Instructional Methods in Family and Consumer Sciences Education ◆ Reading in the Content Area Methods ◆ Meeting Special Learning Needs; Exceptionalities; Diversity ◆ Classroom Management OR Learning Theory; Learning Styles; Motivation; How Adolescents Learn <p style="text-align: center;">AND</p> <p>3 semester hours are required from one of the following elective courses:</p> <ul style="list-style-type: none"> ◆ Career and Technical Student Organization Management ◆ Educational/Instructional Technology ◆ Consumer Education and Financial Literacy ◆ Human Development Lifespan ◆ Management of Work-based Learning <p><u>Credential</u> Praxis II is not required for this license.</p> <p><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.</p> |

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**Provisional Licensing Requirements for
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| Area | Requirements |
|--|---|
| <p style="text-align: center;">Family and Consumer Sciences Education</p> <p style="text-align: center;"><u>Foods and Nutrition/ Culinary Arts</u></p> <p style="text-align: center;">716</p> <p style="text-align: center;"><i>(May only teach Foods and Nutrition/Culinary Arts FACS courses)</i></p> | <p><u>Eligibility Requirements:</u></p> <p><u>Degree</u> 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.</p> <p><u>Work Experience</u></p> <ul style="list-style-type: none"> ◆ 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 <p><u>Credential required before teaching</u></p> <p><u>Transcript/Credential must be submitted to NCDPI Licensure</u></p> <ul style="list-style-type: none"> ◆ Food safety and sanitation credential or industry coursework required (minimum 12 contact hours) required before teaching foods and culinary courses and courses with foods units. <p><u>Clearing specific requirements: Foods and Nutrition/Culinary Arts Coursework (18 semester hours with a minimum of 6 semester hours per school year)</u></p> <p>A total of 15 semester hours are required from the following courses:</p> <ul style="list-style-type: none"> ◆ Curriculum, Instructional Planning, and Assessments in Family and Consumer Sciences Education ◆ Instructional Methods in Family and Consumer Sciences Education ◆ Reading in the Content Area Methods ◆ Meeting Special Learning Needs; Exceptionalities; Diversity ◆ Classroom Management OR Learning Theory; Learning Styles; Motivation; How Adolescents Learn, <p style="text-align: center;">AND</p> <p>3 semester hours are required from one of the following elective courses:</p> <ul style="list-style-type: none"> ◆ Career and Technical Student Organization Management ◆ Educational/Instructional Technology ◆ Consumer Education and Financial Literacy ◆ Human Development Lifespan ◆ Management of Work-based Learning <p style="text-align: center;">CONTINUED ON THE NEXT PAGE</p> |

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**Provisional Licensing Requirements for
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|--|--|
| <p>Family and Consumer Sciences Education</p> <p><u>Foods and Nutrition/ Culinary Arts</u></p> <p style="text-align: center;">716</p> <p style="text-align: center;">Continued</p> | <p><u>Credential</u> Praxis II is not required for this license.</p> <p><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.</p> |
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**Provisional Licensing Requirements for
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| Area | Requirements |
|---|---|
| <p style="text-align: center;">Family and Consumer Sciences Education</p> <p style="text-align: center;"><u>Interior Design/Housing</u></p> <p style="text-align: center;">718</p> <p style="text-align: center;"><i>(May only teach Interior Design/Housing FACS courses)</i></p> | <p><u>Eligibility Requirements:</u></p> <p><u>Degree</u> Bachelor’s degree in a related area is required Examples: Interior Design, Interior Decorating, Textile Design, Architectural Design, Furniture Design.</p> <p><u>Work Experience</u></p> <ul style="list-style-type: none"> ◆ 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, and housing <p><u>Clearing specific requirements: Interior Design/Housing</u></p> <p>Coursework (18 semester hours with a minimum of 6 semester hours per school year) A total of 15 semester hours are required from the following courses:</p> <ul style="list-style-type: none"> ◆ Curriculum, Instructional Planning, and Assessments in Family and Consumer Sciences Education ◆ Instructional Methods in Family and Consumer Sciences Education ◆ Reading in the Content Area Methods ◆ Meeting Special Learning Needs; Exceptionalities; Diversity ◆ Classroom Management OR Learning Theory; Learning Styles; Motivation; How Adolescents Learn <p style="text-align: center;">AND</p> <p>3 semester hours are required from one the following elective courses:</p> <ul style="list-style-type: none"> ◆ Career and Technical Student Organization Management ◆ Educational/Instructional Technology ◆ Consumer Education and Financial Literacy ◆ Human Development Lifespan ◆ Management of Work-based Learning <p><u>Credential</u> Praxis II is not required for this license.</p> <p><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.</p> |

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**Provisional Licensing Requirements for
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| Family and Consumer Sciences Education Endorsement Areas | Requirements |
|--|--|
| <p><u>Project Management</u></p> <p><u>Must be currently licensed in Family and Consumer Sciences Education (710,712,714,716,718)</u></p> | <p><u>Eligibility Requirements:</u> <u>Teaching License</u> A clear or provisional or lateral entry license in Family and Consumer Sciences Education.</p> <p style="text-align: center;">AND</p> <p>Hold a current Project Management credential/certification</p> <p style="text-align: center;">OR</p> <p>Have successfully completed a Project Management preparation course endorsed by NCDPI Career and Technical Education.</p> |
| <p><u>Fashion Merchandising Endorsement</u></p> <p><u>Must be currently licensed in Family and Consumer Sciences Education (710,712)</u></p> | <p><u>Eligibility Requirements:</u> <u>Teaching License</u> A clear or provisional or lateral entry license in Family and Consumer Sciences.</p> <p>One three semester-hour university Fashion Merchandising course</p> <p style="text-align: center;">AND</p> <p>two years of experience in business and industry retailing or buying within the past 8 years.</p> |

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**Provisional Licensing Requirements for
Career and Technical Education
Effective July 1, 2012**

| Area | Requirements | | | | |
|---|--|--------|------------|--------------------------|--|
| <p style="text-align: center;">Health Occupations Education</p> <p style="text-align: center;"><u>Registered Nurse</u></p> <p style="text-align: center;">720</p> <p style="text-align: center;"><i>(May teach all Health Occupations Education courses and Nursing Assistant I/Feeding Assistant)</i></p> | <p><u>Eligibility Requirements:</u></p> <p><u>Degree</u> Bachelor’s degree in Nursing OR Associate’s degree in Nursing OR non-degree Registered Nurse (diploma graduate) from a state or nationally accredited institution</p> <p><u>Work Experience</u></p> <ul style="list-style-type: none"> ◆ BS Nursing--two years within past five years ◆ AD Nursing--four years within past eight years ◆ Diploma Nursing – five years within past eight year. ◆ Two years work experience for AD Nurse and three years for Diploma Nurse is held in escrow and released for pay purposes if a four year nursing degree is completed ◆ Note: Post-secondary teaching experience is considered relevant <u>is</u> if clinical observation of students is a job function. <p><u>Credential</u> An active North Carolina license as a registered nurse; license must be clear of restrictions. For the following course, certification is required before teaching the course:</p> <table style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: center;">Course</th> <th style="text-align: center;">Credential</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">7273 Pharmacy Technician</td> <td style="text-align: center;">PTCB Pharmacy Technician Certification</td> </tr> </tbody> </table> <p>Credential Certification/Documentation must be submitted to NCDPI Licensure.</p> <p><u>Clearing specific requirements: Registered Nurse</u> Coursework (18 semester hours with a minimum of 6 semester hours per school year) A total of 15 semester hours are required from the following courses:</p> <ul style="list-style-type: none"> ◆ 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 <p style="text-align: center;">AND</p> <p style="text-align: center;">CONTINUED ON THE NEXT PAGE</p> | Course | Credential | 7273 Pharmacy Technician | PTCB Pharmacy Technician Certification |
| Course | Credential | | | | |
| 7273 Pharmacy Technician | PTCB Pharmacy Technician Certification | | | | |

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**Provisional Licensing Requirements for
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| <p>Health Occupations Education</p> <p><u>Registered Nurse</u></p> <p style="text-align: center;">720</p> <p style="text-align: center;">Continued</p> | <p>3 semester hours are required from one the following elective courses:</p> <ul style="list-style-type: none"> ◆ Career and Technical Student Organizational Management ◆ Educational/Instructional Technology ◆ Health Careers/Health Industry Survey ◆ Biotechnology <p><u>Credential</u> Praxis II is not required</p> <p><u>Induction</u> The 80-hour Health Occupations New Teacher Induction Program approved by the North Carolina Department of Public Instruction, Division of Career and Technical Education is required.</p> |
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**Provisional Licensing Requirements for
Career and Technical Education
Effective July 1, 2012**

| Area | Requirements | | | | |
|---|---|--------|------------|---------------------------------|---|
| <p style="text-align: center;">Health Occupations Education</p> <p style="text-align: center;"><u>Non-RN, Allied Health/Medical Professional</u></p> <p style="text-align: center;">721</p> <p style="text-align: center;"><i>(May teach all Health Occupations courses unless RN is required by affiliating agency)</i></p> | <p><u>Eligibility Requirements:</u></p> <p><u>Degree</u></p> <ul style="list-style-type: none"> ◆ Bachelor’s degree or associate’s degree in non-RN, allied health or medical field from a state or nationally accredited institution is required. ◆ An active North Carolina license, registration, or certification which must be clear of restrictions in same field as educational degree. ◆ Examples: Physical Therapy, Radiology, Medical Doctor (MD), Dental Hygiene, Physician Assistant <p><u>Work Experience</u></p> <ul style="list-style-type: none"> ◆ Two years related work experience within past five years for four year degree ◆ Four years related work experience within past eight years for associate degree ◆ For pay purposes, two years will be held in escrow and released if bachelor’s degree in related area of licensure is completed ◆ 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 <p><u>Credential</u></p> <p>An active North Carolina license in an Allied Health/Medical Professional. See NC- AHEC Health Careers Manual for examples of two to four year credentials.</p> <p>For the following course, certification is required before teaching the course:</p> <table style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: center;">Course</th> <th style="text-align: center;">Credential</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">7273 Pharmacy Technician</td> <td style="text-align: center;">PTCB Pharmacy Technician Certification</td> </tr> </tbody> </table> <p>Credential Certificate/Documentation must be submitted to NCDPI Licensure.</p> <p style="text-align: center;">CONTINUED ON THE NEXT PAGE</p> | Course | Credential | 7273 Pharmacy Technician | PTCB Pharmacy Technician Certification |
| Course | Credential | | | | |
| 7273 Pharmacy Technician | PTCB Pharmacy Technician Certification | | | | |

**Provisional Licensing Requirements for
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| <p>Health Occupations Education</p> <p><u>Non-RN, Allied Health/Medical Professional</u></p> <p style="text-align: center;">721</p> <p style="text-align: center;">Continued</p> | <p><u>Clearing specific requirements: Non-RN, Allied Health/Medical Professional Coursework (18 semester hours with a minimum of 6 semester hours per school year)</u></p> <p>A total of 15 semester hours are required from the following courses:</p> <ul style="list-style-type: none"> ◆ 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, <p style="text-align: center;">AND</p> <p>3 semester hours are required from one the following elective courses:</p> <ul style="list-style-type: none"> ◆ Career and Technical Student Organization Management ◆ Educational/Instructional Technology ◆ Health Careers/Health Industry Survey ◆ Biotechnology <p><u>Credential</u> Praxis II is not required</p> <p><u>Induction</u> The 80-hour Health Occupations New Teacher Induction Program approved by the North Carolina Department of Public Instruction, Division of Career and Technical Education is required.</p> |
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Provisional Licensing Requirements for Career and Technical Education Effective July 1, 2012

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 | <i>CHES</i> (certified health education specialist) | Other work history may include public health departments, voluntary agencies and schools |
| Athletic Trainer | Bachelor's degree in Sports Medicine | <i>Certified Athletic Trainer</i> (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 |

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| Area | Requirements |
|--|---|
| <p style="text-align: center;">Health Occupations Education</p> <p style="text-align: center;"><u>Biotechnology Professional</u></p> <p style="text-align: center;">722</p> <p><i>(May only teach courses in Health Sciences Biotechnology)</i></p> | <p><u>Eligibility Requirements:</u></p> <p><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</p> <p style="text-align: center;">OR</p> <p>Bachelor’s degree in marine biology, chemistry, pathology, pharmacology, etc.</p> <p style="text-align: center;">AND</p> <p>A minimum of six semester hours in the following courses: microbiology, genetics, immunology, biochemistry, molecular biology, cell biology</p> <p><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</p> <p><u>Clearing specific requirements: Biotechnology Professional</u> Coursework (18 semester hours with a minimum of 6 semester hours per school year) A total of 15 semester hours are required from the following courses:</p> <ul style="list-style-type: none"> ◆ 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 <p style="text-align: center;">AND</p> <p>3 semester hours are required from one the following elective courses:</p> <ul style="list-style-type: none"> ◆ Career and Technical Student Organization Management ◆ Health Careers/Health Industry Survey ◆ Educational/Instructional Technology <p><u>Credential</u> Praxis II is not required</p> <p><u>Induction</u> The 80-hour Health Occupations New Teacher Induction Program approved by the North Carolina Department of Public Instruction, Division of Career and Technical Education is required.</p> |

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**Provisional Licensing Requirements for
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| Health Occupations Endorsement Areas | Requirements |
|--|--|
| <p><u>Project Lead the Way (PLTW) Biomedical Sciences Endorsement</u></p> <p>(18722)</p> <p><u>Must be currently licensed in Health Occupations Education (720,721, or 722)</u></p> | <p><u>Eligibility Requirements:</u> A clear or provisional or lateral entry teaching license is required in Health Occupations Education (720, 721 or 722), or a clear license in Science (300), or Biology (310).</p> <p>PLTW COURSEWORK IN THE SPECIFIC COURSE TO BE TAUGHT IS REQUIRED BEFORE THE LICENSE IS ISSUED and must be submitted to NCDPI Licensure:</p> <p><u>Project Lead the Way Training</u> Completion of the Project Lead the Way <u>Core Training</u> is required prior to teaching the courses.</p> |

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**Provisional Licensing Requirements for
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| Area | Requirements |
|--|---|
| Marketing Education 730 | <p><u>Eligibility Requirements:</u></p> <p><u>Degree</u> Bachelor’s degree in a related area Examples: Accounting, Administrative Systems, Business Administration, Entrepreneurship, Finance, Information Technologies, Management, Management Information Systems, Marketing</p> <p><u>Work Experience</u></p> <ul style="list-style-type: none"> ◆ Two years industry-related work experience within the past five years ◆ Examples: marketing manager, sales manager, retail manager, real estate agent or buyer, travel, tourism & recreation manager, corporate or personal financial manager, loan officer, marketing research analyst, distribution and logistics specialist <p><u>Clearing specific requirements:</u></p> <p>Coursework (18 semester hours with a minimum of 6 semester hours per school year) A total of 15 semester hours are required from the following courses:</p> <ul style="list-style-type: none"> ◆ Curriculum Instructional Planning and Assessments in Marketing Education ◆ Instructional Methods in Marketing Education ◆ Reading in the Content Area Methods ◆ Meeting Special Learning Needs; Exceptionalities; Diversity ◆ Classroom Management OR Learning Theory; Learning Styles; Motivation; How Adolescents Learn <p style="text-align: center;">AND</p> <p>3 semester hours are required from one of the following elective courses:</p> <ul style="list-style-type: none"> ◆ Advanced Computer Concepts and Applications ◆ Business OR Marketing Information Systems ◆ Distribution and Logistics ◆ Hospitality and Tourism ◆ Merchandising ◆ Personal Finance <p><u>Credential</u> Praxis II Specialty Area exam is required</p> <p><u>Induction</u> 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.</p> |

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**Provisional Licensing Requirements for
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| Marketing Education Endorsement Areas | Requirements |
|---|---|
| <p><u>Project Management</u></p> <p><u>Must be currently licensed in Marketing Education 730</u></p> | <p><u>Eligibility Requirements: Teaching License</u> A clear or provisional or lateral entry license in Marketing Education.</p> <p style="text-align: center;">AND</p> <p>Hold a current Project Management credential/certificate</p> <p style="text-align: center;">OR</p> <p>Have successfully completed a Project Management preparation course endorsed by NCDPI Career and Technical Education.</p> |
| <p><u>Apparel I and Apparel II - Enterprise</u></p> <p><u>Must be currently licensed in Marketing Education 730</u></p> | <p><u>Eligibility Requirements: Teaching License</u></p> <p>One three semester– hour university course or one 30- contact hour continuing education course in apparel construction</p> <p style="text-align: center;">AND</p> <p>two years of experience in apparel entrepreneurship or production or retailing within the last 8 years.</p> |

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**Provisional Licensing Requirements for
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Effective July 1, 2012**

| Area | Requirements |
|---|--|
| <p style="text-align: center;">Special Populations</p> <p style="text-align: center;"><u>Based on CTE license</u> (Includes 747 and 711)</p> <p style="text-align: center;">770</p> | <p><u>Eligibility Requirements:</u></p> <p><u>Degree</u> Bachelor’s degree and current license in Career and Technical Education program area</p> <p><u>Work Experience</u> 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</p> <p><u>Clearing specific requirements:</u></p> <p><u>Coursework</u> A total of 12 semester hours (with a minimum of 6 semester hours per school year) is required from the following courses:</p> <ul style="list-style-type: none"> ◆ 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 <p><u>Note:</u> 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).</p> <p><u>Induction</u></p> <p>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.</p> |

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**Provisional Licensing Requirements for
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| Area | Requirements |
|--|---|
| <p>Special Populations</p> <p><u>Based on EC license</u></p> <p style="text-align: center;">770</p> | <p><u>Eligibility Requirements:</u></p> <p><u>Degree</u> Current license in Exceptional Children’s Education</p> <p><u>Work Experience</u> 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</p> <p><u>Clearing specific requirements:</u></p> <p><u>Coursework</u> A total of 12 semester hours (with a minimum of 6 semester hours per school year) is required from the following courses:</p> <ul style="list-style-type: none"> ◆ Cultural Diversity Counseling ◆ Principles of Career Counseling and Development ◆ Theories and Techniques of Counseling ◆ Group Counseling <p><u>Note:</u> 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).</p> <p><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.</p> |

**Provisional Licensing Requirements for
Career and Technical Education
Effective July 1, 2012**

| Area | Requirements |
|--|---|
| <p style="text-align: center;">Special Populations</p> <p style="text-align: center;"><u>Based on master’s degree in school counseling</u></p> <p style="text-align: center;">770</p> | <p><u>Eligibility Requirements:</u></p> <p><u>Degree</u> Master’s degree in school counseling</p> <p><u>Work Experience</u> ♦ 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</p> <p><u>Clearing specific requirements:</u></p> <p><u>Coursework</u> A total of 12 semester hours (with a minimum of 6 semester hours per school year) is required from the following courses:</p> <ul style="list-style-type: none"> ♦ Instructional Methods/Teaching Strategies of Special Needs Students ♦ Exceptionalities ♦ Reading in the Content Area Methods ♦ Classroom Management or Behavioral Management <p><u>Note:</u> 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).</p> <p><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.</p> |

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**Provisional Licensing Requirements for
Career and Technical Education
Effective July 1, 2012**

| Area | Requirements |
|--|--|
| <p>Technology Education</p> <p style="text-align: center;">820</p> | <p><u>Eligibility Requirements:</u></p> <p><u>Degree</u> Bachelor’s Degree in Related Field Examples: Architecture, Communications, Construction, Industrial Design, Engineering, Industrial Technology, Manufacturing, Transportation, Science, Industrial Arts, Trade and Industrial Education (“A” level License)</p> <p><u>Work Experience</u></p> <ul style="list-style-type: none"> ◆ 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 <p><u>Clearing specific requirements:</u></p> <p><u>Coursework</u> A total of 18 semester hours (with a minimum of 6 semester hours per school year) is required from the following courses:</p> <ul style="list-style-type: none"> ◆ Curriculum, Instructional Planning, and Assessment in Technology Education ◆ Instructional Methods in Technology Education ◆ 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 <p><u>Course Requirements</u> Additional coursework is required for teaching Principles of Technology, Scientific and Technical Visualization, and Project Lead the Way. Refer to endorsement areas.</p> <p><u>Credential</u> Praxis II Specialty Area exam is required</p> <p><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.</p> |

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**Provisional Licensing Requirements for
Career and Technical Education
Effective July 1, 2012**

| Technology Education Endorsement Areas | Requirements |
|--|--|
| <p><u>Principles of Technology Endorsement</u></p> <p>18825</p> <p><u>May only teach Principles of Technology courses</u></p> | <p><u>Eligibility Requirements:</u> <u>Teaching License</u> 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).</p> <p><u>NCDPI Sponsored Principles of Technology Workshops:</u></p> <ul style="list-style-type: none"> ◆ 80 hour Principles of Technology Workshop for Level I ◆ 40 hour Advanced Principles of Technology Workshop for Level II |
| <p><u>Scientific and Technical Visualization Endorsement</u></p> <p>18827</p> <p><u>May only teach Scientific and Technical Visualization courses</u></p> | <p><u>Eligibility Requirements:</u> <u>Teaching License</u> 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).</p> <p><u>NCDPI Sponsored SciVis Workshops:</u></p> <ul style="list-style-type: none"> ◆ 40 hour SciVis Workshop for Level I ◆ 40 hour Advanced SciVis Workshop for Level II |
| <p><u>Project Lead the Way (PLTW) Endorsement</u></p> <p>18829</p> <p><u>Must have a license in Technology Education</u></p> | <p><u>Eligibility Requirements:</u> 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):</p> <ul style="list-style-type: none"> ◆ 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 <p style="text-align: center;">CONTINUED ON NEXT PAGE</p> |

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**Provisional Licensing Requirements for
Career and Technical Education
Effective July 1, 2012**

| Area | Requirements | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|----|--|--|-----------|--|---|-----------|-----------------------|-----------------------------|-----------|-----------------------------|--|-----------|---------------------|---|-----------|--------------------|---------------------------------|-----------|---------------------------------|---|-----------|---|
| Trade and Industrial Education <u>Based on an associate's degree</u> 740 | <p><u>Eligibility Requirements:</u></p> <p><u>Degree</u> Associate's degree in area of licensure</p> <p><u>Work Experience</u></p> <ul style="list-style-type: none"> ◆ Four years industry-related work experience within the past eight years. ◆ 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. <p><u>Credentials</u></p> <p><u>For required credentials</u>, 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.</p> <p><u>Credential Certificate/Documentation must be submitted to NCDPI</u></p> <p><u>Clearing specific requirements:</u></p> <p>Coursework A total of 21 semester hours (with a minimum of 6 semester hours per school year) is required from the following courses: <i>Note: Coursework can be completed at either a four-year college/university or community college.</i></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">University/Four-Year College Course Title/Content</th> <th style="text-align: center;">OR</th> <th style="text-align: center;">Community College Course Title/Content</th> </tr> </thead> <tbody> <tr> <td>Curriculum, Instructional Planning and Assessments in Trade and Industrial Education</td> <td style="text-align: center;">OR</td> <td>Introduction to Trade and Industrial Education</td> </tr> <tr> <td>Instructional Methods in Trade and Industrial Education</td> <td style="text-align: center;">OR</td> <td>Instructional Methods</td> </tr> <tr> <td>Reading in the Content Area</td> <td style="text-align: center;">OR</td> <td>Reading and Writing Methods</td> </tr> <tr> <td>Teaching Diverse Learners Or Special Populations</td> <td style="text-align: center;">OR</td> <td>Special Populations</td> </tr> <tr> <td>Classroom Management of Learning Theory</td> <td style="text-align: center;">OR</td> <td>General Psychology</td> </tr> <tr> <td>Environmental Safety and Health</td> <td style="text-align: center;">OR</td> <td>Environmental Safety and Health</td> </tr> <tr> <td>Career and Technical Student Organization</td> <td style="text-align: center;">OR</td> <td>Career and Technical Student Organization</td> </tr> </tbody> </table> <p style="text-align: center;">CONTINUED ON NEXT PAGE</p> | University/Four-Year College Course Title/Content | OR | Community College Course Title/Content | Curriculum, Instructional Planning and Assessments in Trade and Industrial Education | OR | Introduction to Trade and Industrial Education | Instructional Methods in Trade and Industrial Education | OR | Instructional Methods | Reading in the Content Area | OR | Reading and Writing Methods | Teaching Diverse Learners Or Special Populations | OR | Special Populations | Classroom Management of Learning Theory | OR | General Psychology | Environmental Safety and Health | OR | Environmental Safety and Health | Career and Technical Student Organization | OR | Career and Technical Student Organization |
| University/Four-Year College Course Title/Content | OR | Community College Course Title/Content | | | | | | | | | | | | | | | | | | | | | | | |
| Curriculum, Instructional Planning and Assessments in Trade and Industrial Education | OR | Introduction to Trade and Industrial Education | | | | | | | | | | | | | | | | | | | | | | | |
| Instructional Methods in Trade and Industrial Education | OR | Instructional Methods | | | | | | | | | | | | | | | | | | | | | | | |
| Reading in the Content Area | OR | Reading and Writing Methods | | | | | | | | | | | | | | | | | | | | | | | |
| Teaching Diverse Learners Or Special Populations | OR | Special Populations | | | | | | | | | | | | | | | | | | | | | | | |
| Classroom Management of Learning Theory | OR | General Psychology | | | | | | | | | | | | | | | | | | | | | | | |
| Environmental Safety and Health | OR | Environmental Safety and Health | | | | | | | | | | | | | | | | | | | | | | | |
| Career and Technical Student Organization | OR | Career and Technical Student Organization | | | | | | | | | | | | | | | | | | | | | | | |

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**Provisional Licensing Requirements for
Career and Technical Education
Effective July 1, 2012**

| | |
|---|---|
| <p><u>Trade and Industrial Education</u></p> <p>Continued</p> | <p><u>Induction</u></p> <p>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.</p> |
|---|---|

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**Provisional Licensing Requirements for
Career and Technical Education
Effective July 1, 2012**

| Area | Requirements | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|----|--|--|----|--|---|----|-----------------------|-----------------------------|----|-----------------------------|--|----|---------------------|---|----|--------------------|---------------------------------|----|---------------------------------|---|----|---|
| Trade and Industrial Education <u>Based on a high school diploma</u> 740 | <p><u>Eligibility Requirements:</u> <u>Degree</u> High School Diploma (a copy must be submitted to NCDPI Licensure)</p> <p><u>Eligibility Requirements:</u> <u>Work Experience</u></p> <ul style="list-style-type: none"> ◆ 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 <p><u>Credentials</u> <u>For required credentials,</u> 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.</p> <p><u>Clearing specific requirements:</u> <u>Coursework</u> A total of 21 semester hours (with a minimum of 6 semester hours per school year) is required from the following courses: <i>Note: Coursework can be completed at either a four-year college/university or community college.</i></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">University/Four-Year College Course Title/Content</th> <th style="text-align: center;">OR</th> <th style="text-align: center;">Community College Course Title/Content</th> </tr> </thead> <tbody> <tr> <td>Curriculum, Instructional Planning and Assessments in Trade and Industrial Education</td> <td style="text-align: center;">OR</td> <td>Introduction to Trade and Industrial Education</td> </tr> <tr> <td>Instructional Methods in Trade and Industrial Education</td> <td style="text-align: center;">OR</td> <td>Instructional Methods</td> </tr> <tr> <td>Reading in the Content Area</td> <td style="text-align: center;">OR</td> <td>Reading and Writing Methods</td> </tr> <tr> <td>Teaching Diverse Learners Or Special Populations</td> <td style="text-align: center;">OR</td> <td>Special Populations</td> </tr> <tr> <td>Classroom Management of Learning Theory</td> <td style="text-align: center;">OR</td> <td>General Psychology</td> </tr> <tr> <td>Environmental Safety and Health</td> <td style="text-align: center;">OR</td> <td>Environmental Safety and Health</td> </tr> <tr> <td>Career and Technical Student Organization</td> <td style="text-align: center;">OR</td> <td>Career and Technical Student Organization</td> </tr> </tbody> </table> <p style="text-align: center;">CONTINUED ON NEXT PAGE</p> | University/Four-Year College Course Title/Content | OR | Community College Course Title/Content | Curriculum, Instructional Planning and Assessments in Trade and Industrial Education | OR | Introduction to Trade and Industrial Education | Instructional Methods in Trade and Industrial Education | OR | Instructional Methods | Reading in the Content Area | OR | Reading and Writing Methods | Teaching Diverse Learners Or Special Populations | OR | Special Populations | Classroom Management of Learning Theory | OR | General Psychology | Environmental Safety and Health | OR | Environmental Safety and Health | Career and Technical Student Organization | OR | Career and Technical Student Organization |
| University/Four-Year College Course Title/Content | OR | Community College Course Title/Content | | | | | | | | | | | | | | | | | | | | | | | |
| Curriculum, Instructional Planning and Assessments in Trade and Industrial Education | OR | Introduction to Trade and Industrial Education | | | | | | | | | | | | | | | | | | | | | | | |
| Instructional Methods in Trade and Industrial Education | OR | Instructional Methods | | | | | | | | | | | | | | | | | | | | | | | |
| Reading in the Content Area | OR | Reading and Writing Methods | | | | | | | | | | | | | | | | | | | | | | | |
| Teaching Diverse Learners Or Special Populations | OR | Special Populations | | | | | | | | | | | | | | | | | | | | | | | |
| Classroom Management of Learning Theory | OR | General Psychology | | | | | | | | | | | | | | | | | | | | | | | |
| Environmental Safety and Health | OR | Environmental Safety and Health | | | | | | | | | | | | | | | | | | | | | | | |
| Career and Technical Student Organization | OR | Career and Technical Student Organization | | | | | | | | | | | | | | | | | | | | | | | |

**Provisional Licensing Requirements for
Career and Technical Education
Effective July 1, 2012**

| <p><u>Based on a high school diploma</u></p> <p style="text-align: center;">740</p> <p>Continued</p> | <p><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.</p> <p style="text-align: center;"><u>Core Academic Competence (prior to 2nd year of teaching)</u></p> <p><i>NOTE: Teachers who have a bachelors or associates degree are exempt from this requirement.</i></p> <p style="text-align: center;"><u>Praxis I Pre-Professional Skills Assessments (PPST)</u></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Tests</th> <th style="text-align: right;">Scores</th> </tr> </thead> <tbody> <tr> <td>Reading</td> <td style="text-align: right;">176</td> </tr> <tr> <td>Mathematics</td> <td style="text-align: right;">173</td> </tr> <tr> <td>Writings</td> <td style="text-align: right;">173</td> </tr> </tbody> </table> <p style="text-align: center;"><u>OR</u></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Asset (ACT)</th> <th style="text-align: right;">Scores</th> </tr> </thead> <tbody> <tr> <td>Writing</td> <td style="text-align: right;">41</td> </tr> <tr> <td>Numerical Skills</td> <td style="text-align: right;">41</td> </tr> <tr> <td>Reading</td> <td style="text-align: right;">41</td> </tr> <tr> <td>Elementary Algebra</td> <td style="text-align: right;">41</td> </tr> </tbody> </table> <p style="text-align: center;"><u>OR</u></p> <p><u>Accuplacer:</u></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Tests</th> <th style="text-align: right;">Scores (Raw)</th> </tr> </thead> <tbody> <tr> <td>Reading Comprehension</td> <td style="text-align: right;">80</td> </tr> <tr> <td>Sentence Skills</td> <td style="text-align: right;">86</td> </tr> <tr> <td>Arithmetic</td> <td style="text-align: right;">55</td> </tr> <tr> <td>Elementary Algebra</td> <td style="text-align: right;">75</td> </tr> </tbody> </table> <p style="text-align: center;"><u>OR</u></p> <p><u>Work Keys:</u></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Tests</th> <th style="text-align: right;">Level</th> </tr> </thead> <tbody> <tr> <td>Applied Math</td> <td style="text-align: right;">4</td> </tr> <tr> <td>Locating Information</td> <td style="text-align: right;">4</td> </tr> <tr> <td>Reading for Information</td> <td style="text-align: right;">4</td> </tr> <tr> <td>Writing or Business Writing</td> <td style="text-align: right;">3</td> </tr> </tbody> </table> | Tests | Scores | Reading | 176 | Mathematics | 173 | Writings | 173 | Asset (ACT) | Scores | Writing | 41 | Numerical Skills | 41 | Reading | 41 | Elementary Algebra | 41 | Tests | Scores (Raw) | Reading Comprehension | 80 | Sentence Skills | 86 | Arithmetic | 55 | Elementary Algebra | 75 | Tests | Level | Applied Math | 4 | Locating Information | 4 | Reading for Information | 4 | Writing or Business Writing | 3 |
|---|---|-------|--------|---------|-----|-------------|-----|----------|-----|-------------|--------|---------|----|------------------|----|---------|----|--------------------|----|-------|--------------|-----------------------|----|-----------------|----|------------|----|--------------------|----|-------|-------|--------------|---|----------------------|---|-------------------------|---|-----------------------------|---|
| Tests | Scores | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Reading | 176 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mathematics | 173 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Writings | 173 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Asset (ACT) | Scores | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Writing | 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Numerical Skills | 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Reading | 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Elementary Algebra | 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tests | Scores (Raw) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Reading Comprehension | 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sentence Skills | 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Arithmetic | 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Elementary Algebra | 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tests | Level | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Applied Math | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Locating Information | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Reading for Information | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Writing or Business Writing | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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**Provisional Licensing Requirements for
Career and Technical Education
Effective July 1, 2012**

**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). |
|--------------------------------------|--|--|---|
| 74010 Collision Repair | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • 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 | None |
| 74015 Automotive Services | <ul style="list-style-type: none"> • Automotive Systems Technology • Transportation Systems Technology • Logistics • Automotive or Mechanical Engineering | <ul style="list-style-type: none"> • Automotive repair and service • Automotive parts and service • Automotive service equipment sales and service | ASE Brakes and Electrical NOTE: Required before the end of first semester. |

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**Provisional Licensing Requirements for
Career and Technical Education**

Effective July 1, 2012

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). |
|---|---|--|---|
| 74020 Cabinetmaking/ Furniture | <ul style="list-style-type: none"> • Construction & Cabinetmaking Technology • Building Construction/ Cabinetmaking Technology • Cabinetmaking and Millwork + Millwright • Construction, Design & Manufacturing Cabinetmaking & Mill-Work | <ul style="list-style-type: none"> • Cabinetmaking and furniture manufacturing • Woodworking • Construction with demonstrated experience in cabinetmaking | |

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**Provisional Licensing Requirements for
Career and Technical Education
Effective July 1, 2012**

**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 <i>(Before teaching unless noted).</i> |
|-------------------------------|---|--|--|
| 74025 Carpentry | <ul style="list-style-type: none"> • Carpentry • Construction Management • Building Construction | <ul style="list-style-type: none"> • Construction industry with demonstrated experience in the carpentry field. | <ul style="list-style-type: none"> • NCCER ICTP Credential <li style="text-align: center;">AND • OSHA 10-Hour Construction Safety <li style="text-align: center;">AND Must achieve at least one of the following: • Pass an instructor’s exam in NCCER Your Role in the Green Environment module. <li style="text-align: center;">OR • Possess an NCCER Sustainable Construction Supervisor Certified Written Credential <li style="text-align: center;">OR • Possess active Green Associate or LEED Accredited Professional status <p>NOTE: Required before end of first semester.</p> |
| 74030 Cosmetology | <ul style="list-style-type: none"> • Cosmetology Technology | <ul style="list-style-type: none"> • Work in the cosmetology field with direct work on clients. | Cosmetic Art Board Certified Instructor |

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**Provisional Licensing Requirements for
Career and Technical Education**

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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 <i>(Before teaching unless noted).</i> |
|------------------------------------|--|--|---|
| 74035 Electrical Trades | <ul style="list-style-type: none"> • Electrician • Construction Management | <ul style="list-style-type: none"> • Construction industry with demonstrated experience in the electrical trades' field. | <ul style="list-style-type: none"> • NCCER ICTP Credential <li style="text-align: center;">AND • OSHA 10-Hour Construction Safety <li style="text-align: center;">AND Must achieve at least one of the following: • Pass an instructor's exam in NCCER Your Role in the Green Environment module. <li style="text-align: center;">OR • Possess an NCCER Sustainable Construction Supervisor Certified Written Credential. <li style="text-align: center;">OR • Possess active Green Associate or LEED Accredited Professional status. <p>NOTE: Required before end of first semester.</p> |
| 74040 Electronics | <ul style="list-style-type: none"> • Electronics Engineering Technology • Electronics Engineering • Digital Electronics | <ul style="list-style-type: none"> • Electronics industry with demonstrated experience in troubleshooting and repairing electronics components. • Any industry with demonstrated experience in troubleshooting and repairing electronics components. | <p>Electronics Technicians Association</p> <ul style="list-style-type: none"> • (ETA – aCET) <p>NOTE: Required before end of first semester.</p> |

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Provisional Licensing Requirements for Career and Technical Education

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|---|---|---|---|
| 74045 Printing Graphics | <ul style="list-style-type: none"> • Printing Graphics • Communications – Graphic Arts/Print • Graphic Design • Graphics and Printing | <ul style="list-style-type: none"> • Printing industry with demonstrated experience in the design, layout, creation, production, and troubleshooting of printing graphic products. | |
| 74050 Electro-mechanical Maintenance | <ul style="list-style-type: none"> • Electromechanical Maintenance Technology | <ul style="list-style-type: none"> • Work as part of the production team in electrical and mechanical maintenance. • Demonstrated work in mechanical theory, hydraulics, pneumatics, electrical, and electronic devices and controls. | |
| 74055 Masonry | <ul style="list-style-type: none"> • Masonry • Masonry Installer | <ul style="list-style-type: none"> • Construction industry with demonstrated experience in the masonry field. | <ul style="list-style-type: none"> • NCCER ICTP Credential <li style="text-align: center;">AND • OSHA 10-Hour Construction Safety <li style="text-align: center;">AND Must achieve at least one of the following: • Pass an instructor’s exam in NCCER Your Role in the Green Environment module. <li style="text-align: center;">OR • Possess an NCCER Sustainable Construction Supervisor Certified Written Credential <li style="text-align: center;">OR • Possess active Green Associate or LEED Accredited Professional status <p>NOTE: Required before end of first semester.</p> |

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Work Experience, and Required Credential Matrix

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|--|--|---|---|
| 74060 Mechanical Systems (HVAC or Plumbing) | <ul style="list-style-type: none"> • HVAC • Mechanical Engineering • Industrial Engineering • Plumbing | <ul style="list-style-type: none"> • Work in the heating, ventilation, and air condition field with demonstrated tasks that include installation, troubleshooting, and repair of HVAC systems. • Work in the plumbing industry with demonstrated task that include installation, troubleshooting, and repair of plumbing systems. | <ul style="list-style-type: none"> • NCCER ICTP Credential <li style="text-align: center;">AND • OSHA 10-Hour Construction Safety <li style="text-align: center;">AND Must achieve at least one of the following: • Pass an instructor's exam in NCCER Your Role in the Green Environment module. <li style="text-align: center;">OR • Possess an NCCER Sustainable Construction Supervisor Certified Written Credential <li style="text-align: center;">OR • Possess active Green Associate or LEED Accredited Professional status <p>NOTE: Required before end of first semester.</p> |
| 74065 Metals Manufacturing | <ul style="list-style-type: none"> • Metals Manufacturing • Precision Machining | <ul style="list-style-type: none"> • Machinist work • Metals cutting • Mechanical engineering with demonstrated performance of metals machining task. <p>Tool and D</p> | |

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**Provisional Licensing Requirements for
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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 | <ul style="list-style-type: none"> • Mechanical Engineering • Drafting • CAD • Architectural Drafting • Engineering Drafting | <ul style="list-style-type: none"> • Construction industry with demonstrated experience in the drafting field. • Draftsman • CAD designer • Architect | |
| 74080 Welding | <ul style="list-style-type: none"> • Welding Engineering • Welding Technology | <ul style="list-style-type: none"> • Construction industry with demonstrated experience in the welding field. | |
| 74085 Work Development (formerly Industrial Coop Ed) | <ul style="list-style-type: none"> • BS degree in T&I area required | <ul style="list-style-type: none"> • Work experience should be aligned with degreed area of T&I. | |
| 74095 Specialized (for new innovative programs) | <ul style="list-style-type: none"> • Degree must be related to the specialty area being taught. | <ul style="list-style-type: none"> • Work in industry associated with the specialty area with demonstrated experience associated with the defined specialty field. | |

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**Provisional Licensing Requirements for
Career and Technical Education**

Effective July 1, 2012

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). |
|--|---|--|---|
| 74096 Computer Engineering Technology | <ul style="list-style-type: none"> • Computer Engineering • Hardware Designer • Electronic Engineering • Software Engineer • Information Technology • Network Engineering | <ul style="list-style-type: none"> • Computer repair • Computer sales & service • Electronic engineering technician • Computer engineering technician • Network engineering • Network engineering technician • Information technology technician • Information technology service desk • Help desk technician | <ul style="list-style-type: none"> • COMPTIA A+ - Required within 3 years. • 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. |
| 74097 Network Engineering Technology | <ul style="list-style-type: none"> • Network Engineering • Computer Engineering • Hardware Designer • Electronic Engineering • Software Engineer • Information Technology | <ul style="list-style-type: none"> • Network engineering • Network engineering technician • Computer repair • Computer sales & service • Electronic engineering technician • Computer engineering technician | <ul style="list-style-type: none"> • CISCO CCENT – Required within 3 years. • If not CISCO CCENT certified, must have taken a course on Networking to cover both hardware and software prior to teaching the class. |

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**Provisional Licensing Requirements for
Career and Technical Education**

Effective July 1, 2012

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 | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • 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. | <p>NCDPI Digital Media course</p> <p>NOTE: Required before end of first semester.</p> |

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Provisional Licensing Requirements for Career and Technical Education

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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). |
|---------------------|---|---|--|
| 74099 Public Safety | <ul style="list-style-type: none"> • Fire Science • Law Enforcement • EMS Management • Paramedic to RN • Environmental Management • Public Personnel Management • Leadership / Disaster Preparedness and Crisis Management • Critical Incident Management • Executive Fire Service Leadership • Public Safety Administration • 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 • Forensic • Police Officers | <ul style="list-style-type: none"> • Introduction to Public Safety, any area of public safety is acceptable (fire, law, medical, emergency management). • Fire Fighting Technology I, II, or III, 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). Also, the teacher must be certified by the OSFM as a Fire Fighter II for a minimum of five years and must obtain her/his full “Qualified” Level Two Fire Instructor Credential through the OSFM. • Law Enforcement I, II, or III, experience as a law enforcement officer in any agency in the field of law enforcement. | <p>To teach Fire Fighter Technology, the following credentials are required:</p> <ul style="list-style-type: none"> • NC Fire Fighter II • NC Fire Fighter II Instructor |

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**Provisional Licensing Requirements for
Career and Technical Education
Effective July 1, 2012**

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

| | |
|---|---|
| 74098 Licensure Requirements Digital Media Courses (7935 & 7936 & 6414 Multimedia and Webpage Design) | |
| * Note: Teachers must complete the NCDPI CTE endorsed workshop for Multimedia and Webpage Design (MAWD) to be eligible to teach 6414 MAWD. | |
| Requirements which must be met prior to clearing the 74098 Digital Media License. | |
| Already Licensed In | Requirements |
| 74045 Printing Graphics (Current Clear License) | Applicants must complete a NCDPI Career and Technical Education endorsed workshop for Digital Media and Multimedia and Webpage Design. 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 endorsed workshop for Digital Media and Multimedia and Webpage Design. Non-Teaching work experience for the above areas is relevant and transferable |
| 760 Business and Information Technology (Current Clear License) | Applicants must complete a NCDPI Career and Technical Education endorsed workshop for Digital Media and , 9 semester hours of related coursework (prior to clearing licenses) i.e. <ul style="list-style-type: none"> - Animation - Computer Digital Input Systems - E-Commerce - Graphic Communication - Multimedia Production - Photography - Web Design Related Work Experience – Not Required |
| 820 Technology Education (Current Clear License) | Applicants must complete a NCDPI Career and Technical Education endorsed workshop for Digital Media and Multimedia and Webpage Design and , 9 semester hours of related coursework (prior to clearing licenses) i.e. <ul style="list-style-type: none"> - Animation - Computer Digital Input Systems - E-Commerce - Graphic Communication - Multimedia Production - Photography - Web Design Related Work Experience – Not Required |

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**Provisional Licensing Requirements for
Career and Technical Education
Effective July 1, 2012
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 | <u>Course requirements:</u> 15 semester hours of concentration in drafting (i.e. drafting, mechanical drawing, computer aided design, etc) <u>Clearing course requirements:</u> Three years with at least 6 semester hours per school year. <u>Related Work Experience – Not Required</u> |
| 820 Technology Education ^{1*} * Please see Footnote | 74040 – Electronics | <u>Course requirements</u> 15 semester hours of concentration in electronics.(i.e. electronics technology, digital electronics, Analog Electronics, semiconductor theory and devices, DC/AC electricity) <u>Clearing course requirements:</u> Three years with at least 6 semester hours per school year. <u>Related Work Experience – Not Required</u> |
| 820 Technology Education ^{1*} * Please see Footnote | 74020 – Cabinetmaking / Furniture | <u>Course requirements</u> 15 semester hours of concentration in furniture and/or cabinet making (i.e. wood technology, cabinet making, mechanical drafting, furniture design and construction) <u>Clearing course requirements:</u> Three years with at least 6 semester hours per school year. <u>Related Work Experience – Not Required</u> |
| 820 Technology Education ^{1*} * Please see Footnote | 74025 – Carpentry | <u>Course requirements</u> 15 semester hours of concentration in carpentry or construction (i.e. architectural drafting, construction management, structural systems, construction estimating, planning and scheduling, framing) <u>Clearing course requirements:</u> Three years with at least 6 semester hours per school year. <u>Related Work Experience – Not Required</u> |
| <i>1. Non-Teaching work experience is relevant and transferable.</i> | | |

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**Provisional Licensing Requirements for
Career and Technical Education
Effective July 1, 2012
Requirements for Adding**

Specific Trade and Industrial Education Areas to Existing License

| Already Licensed In | Area to be Added | Requirements |
|--|--|---|
| 74040 Electronics ^{1*} * Please see Footnote | 74096 Computer Engineering Technology | COMPTIA A+ Certification: OR Completion of COMPTIA A+ coursework that covers both the hardware and the operating system objectives prior to teaching the course and obtain COMPTIA A+ certification by June 30 th after third year of teaching to clear the provisional licensure. Note: There is not a prerequisite required prior to sitting for COMPTIA A+ certification test, but if the teacher does not have the certification, they are required to take a certification course to obtain a provisional license. Related Work Experience – Not Required |
| 74097 Network Engineering Technology | | |
| 74040 Electronics | 74097 Network Engineering Technology | NET+ OR Cisco CCENT OR Cisco CCNA. Certified prior to teaching the course, OR Must have taken a course on Networking to cover both hardware and software prior to teaching the class and obtain their certification prior to beginning the 3rd year of teaching Related Work Experience – Not Required |
| 74096 Computer Engineering Technology ^{1*} * Please see Footnote | | |
| 820 Technology Education | | |
| 760 Business and Information Technology | | |
| 1. Non-Teaching work experience is relevant and transferable. | | |

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**Provisional Licensing Requirements for
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Effective July 1, 2012**

| Trade and Industrial Education Endorsement Areas | Requirements |
|--|---|
| <p><u>Project Management</u></p> <p><u>Must be currently licensed in a Trade and Industrial Education area 740</u></p> | <p><u>Eligibility Requirements:</u> <u>Teaching License</u> A clear or provisional or lateral entry license in Trade and Industrial Education.</p> <p style="text-align: center;">AND</p> <p>Hold a current Project Management credential/certificate</p> <p style="text-align: center;">OR</p> <p>Have successfully completed a Project Management preparation course endorsed by NCDPI Career and Technical Education</p> |

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| Area | Requirements |
|---|---|
| Instructional Management Coordinator 830 | <p><u>Eligibility Requirements:</u></p> <p><u>Degree</u> A bachelor's degree and current license in any Career and Technical Education program area</p> <p style="text-align: center;">OR</p> <p>A current license in Curriculum Instructional Specialist OR Instructional Technology Specialist – computers OR telecommunications</p> <p><u>Work experience</u> Five years work experience within the past eight years in one of the following:</p> <ul style="list-style-type: none"> ◆ Classroom teacher in a Career and Technical Education program area <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> ◆ 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 <p><u>Clearing specific requirements:</u></p> <p><u>Induction</u> 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.</p> |

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