



Public Schools of North Carolina  
State Board of Education  
Department of Public Instruction

---

# Report to the North Carolina General Assembly

---

Access to Increase Successful Career  
and Technical Education (CTE)  
Participation and Credentialing Report  
*Session Law 2013-360*

---

**Date Due: October 15, 2015**  
Report # 63  
DPI Chronological Schedule, 2014-2015

## STATE BOARD OF EDUCATION

The guiding mission of the North Carolina State Board of Education is that every public school student will graduate from high school, globally competitive for work and postsecondary education and prepared for life in the 21st Century.

**WILLIAM COBEY**

Chair :: Chapel Hill

**BECKY TAYLOR**

Greenville

**ERIC DAVIS**

Charlotte

**A.L. COLLINS**

Vice Chair :: Kernersville

**REGINALD KENAN**

Rose Hill

**WAYNE MCDEVITT**

Asheville

**DAN FOREST**

Lieutenant Governor :: Raleigh

**KEVIN D. HOWELL**

Raleigh

**PATRICIA N. WILLOUGHBY**

Raleigh

**JANET COWELL**

State Treasurer :: Raleigh

**GREG ALCORN**

Salisbury

**JUNE ST. CLAIR ATKINSON**

Secretary to the Board :: Raleigh

**OLIVIA OXENDINE**

Lumberton

## NC DEPARTMENT OF PUBLIC INSTRUCTION

June St. Clair Atkinson, Ed.D., State Superintendent

301 N. Wilmington Street :: Raleigh, North Carolina 27601-2825

In compliance with federal law, the NC Department of Public Instruction administers all state-operated educational programs, employment activities and admissions without discrimination because of race, religion, national or ethnic origin, color, age, military service, disability, or gender, except where exemption is appropriate and allowed by law.

**Inquiries or complaints regarding discrimination issues should be directed to:**

Dr. Rebecca Garland, Chief Academic Officer :: Academic Services and Instructional Support  
6368 Mail Service Center, Raleigh, NC 27699-6368 :: Telephone: (919) 807-3200 :: Fax: (919) 807-4065

Visit us on the Web :: [www.ncpublicschools.org](http://www.ncpublicschools.org)

## Increasing Successful Career and Technical Education Participation

Session Law 2013-360 Section 8.28 charged the State Board of Education with administration and reporting related to increasing the number of industry recognized credentials earned by high school Career and Technical Education (CTE) students. Funds were made available in the Law to financially support students on their first attempt to earn industry credentials that were aligned to the course(s) they were taking in CTE. Funds were allotted to local education agencies (LEAs) based on student enrollment in courses that were aligned to credentials. The funds allotted were sufficient to pay for approximately 15% of the total cost of every student sitting for the tests. LEAs determined the focus area for the funds they were allotted and also determined processes locally for the distribution of funds. LEAs were strongly encouraged to align the funding to the local economic and workforce needs as determined by business and industry.

Table 1 below details the increase in credentials earned from 2010 to the end of the 2014-2015 academic year. The achievement of 130,611 credentials represents a 13.6 percent increase over the prior year and more than a 400 percent increase since North Carolina began collecting credential attainment for secondary CTE students.

<b>Number of Industry Recognized Credentials Earned by NC CTE Students by School Year</b>				
<b>2010-2011</b>	<b>2011-2012</b>	<b>2012-2013</b>	<b>2013-2014</b>	<b>2014-2015</b>
<b>24,782</b>	<b>91,629</b>	<b>104,375</b>	<b>115,005</b>	<b>130,611</b>

Table 1

The data above represents the number of credentials earned and does not represent the number of students that may have earned a credential since some students earn more than one in an academic year. The number is significant and demonstrates that nearly 1 in 6 CTE enrollments returns the acquisition of a credential.

North Carolina is a leader in the nation in the alignment of CTE secondary coursework to industry credentials. The Department of Public Instruction (DPI) has created systems and processes that promote course standards aligned to industry standards and developed systems to report the student-level data. DPI supports local and regional career pathways frameworks that will further align credentials in demand with course work in high school and lead to better placement opportunities for students.

With all of the progress that we have made, there are still challenges and cautions to be considered:

- Most industry credentials are awarded by third parties. When DPI does not have statewide agreement for data sharing, all data may not be reported. If the achievement does not come from the authoritative source (the third party), we must depend on self reporting by students.
- Credentials have different levels of rigor and are valued differently in the economy.

- The cost of the industry tests will continue to be a challenge.
- The number and types of credentials differ by industry sector. There are many valuable CTE programs offered throughout the state that simply do not have credentials that align. DPI supports the continued offering of these programs that are connected to economic and workforce development needs even if there is not an identified credential.

More detailed information on the credential types earned as well as detailed information about the number earned for each LEA and CTE region can be found in the 2013-14 Credentialing Data Report attached hereto and made a part hereof by this reference.

Section 8.28 also requires the State Board of Education to report on the number of credits earned by secondary students in CTE Career and College Promise (CCP) courses. The CCP program requires local community colleges to gain approval from North Carolina Community College System Office before the CTE courses can be offered. CTE courses intended to be offered in pathways that lead to community college certificates and generally CTE pathways contain at least four technical courses.

Table 2 below reports the number of CCP CTE enrollments for each LEA and charter school. Enrollment numbers below do not reflect the credit hours earned and may include duplicated student counts as some students take more than one course in the pathway each academic year. The opportunity for 19,315 enrollments by high school students is significant in the value of the credits earned. Collaboration between community colleges and LEAs has created pathways that blend secondary CTE courses and post-secondary CTE courses to produce a graduate with foundational and technical skills along with industry or college credentials that validate their readiness for work.

Table 2

<b>LEA/Charter School Name</b>	<b>CCP Enrollment</b>
Alamance-Burlington	645
Alexander County	17
Alleghany County	2
Anson County	12
Asheboro City	156
Ashe County	39
Asheville City	6
Beaufort County	133
Bertie County	2
Bladen County	128
Brunswick County	116
Buncombe County	1476
Burke County	87
Cabarrus County	75

<b>LEA/Charter School Name</b>	<b>CCP Enrollment</b>
Caldwell County	133
Carteret County	13
Caswell County	419
Catawba County	256
Chapel Hill - Carrboro	134
Chatham County	241
Cherokee County	306
Clay County	8
Cleveland County	602
Clinton City	5
Columbus County	15
Craven County	9
Crossnore Academy (Avery County)	3
Cumberland County	816
Currituck County	6
Dare County	19
Davidson County	89
Davie County	33
Duplin County	107
Durham County	38
East Wake Academy (Wake County)	1
Edgecombe County	151
Edenton/Chowan	34
Elkin City	9
Forsyth County	60
Franklin County	12
Gaston County	85
Gates County	7
Graham County	143
Granville County	22
Greene County	129
Guilfor County	5
Halifax County	1
Harnett County	271
Haywood County	171
Henderson County	308
Hertford County	63

<b>LEA/Charter School Name</b>	<b>CCP Enrollment</b>
Hickory City	132
Hoke County	274
Hyde County	1
Iredell-Statesville	44
Jackson County	123
Johnson County	399
Jones County	89
Kannapolis City	52
Kings Mountain	171
Lee County	186
Lenoir County	138
Lexington City	10
Lincoln County	118
Macon County	137
Madison County	139
Martin County	25
McDowell County	4
Mecklenburg County	162
Mitchell County	213
Montgomery County	247
Moore County	326
Mooresville City	11
Mount Airy City	35
Nash - Rocky Mount	579
New Hanover County	54
Newton-Conover	28
Northampton County	33
Onslow County	10
Orange County	177
Pamlico County	91
Pender County	45
Perquimans County	6
Person County	230
Pitt County	516
Polk County	105
Randolph County	206
Richmond County	76

<b>LEA/Charter School Name</b>	<b>CCP Enrollment</b>
River Mill Academy (Alamance-Burlington County)	98
Roanoke Rapids City	9
Robeson County	17
Rockingham County	30
Rowan - Salisbury	127
Rutherford County	630
Sampson County	79
Scotland County	116
Shelby City	85
Stanly County	59
Stokes County	31
Surry County	141
Swain County	75
Thomasville City	1
Transylvania County	108
Union County	33
Vance County	2
Wake County	268
Warren County	49
Washington County	88
Watauga County	152
Wayne County	165
Weldon City	5
Wilkes County	616
Wilson County	274
Yadkin County	17
Yancey County	275
Unknown	2955
<b>Grand Total</b>	<b>19315</b>

\* Data from North Carolina Community College System Office

\*\*Students did not identify a school system.

Many of the enrollments are students in their junior and senior years in high school who are completing the courses as part of plans for further education or in preparation for particular careers. The total above represents a 17.8 percent increase over the 16,775 reported in 2013-2014. As education partners work more strategically with business and industry partners to develop pathways, participation in CCP CTE courses will likely continue to grow. The development of additional pathways will also strengthen to connection between the education plans and local economic and workforce demands.

Table 3 details the course names and total enrollment for each course statewide.

Table 3

<b>Course ID</b>	<b>Course Description</b>	<b>CCP Enrollments</b>
ACC120	Prin Of Accounting I	32
ACC121	Prin of Accounting II	3
ACC129	Individual Income Taxes	1
ACM110	Intro to Animal Care	3
ACM210	Law Pertaining to Animals	1
ACM211	Applied Animal Behavior	1
AER110	Air Navigation	1
AER111	Aviation Meteorology	1
AER150	Private Pilot Flt Theory	1
AER151	Flight-Private Pilot	1
AGR111	Basic Farm Maintenance	1
AGR139	Intro to Sustainable Ag	25
AGR160	Plant Science	5
AGR170	Soil Science	4
AGR212	Farm Business Management	1
AGR213	Ag Law & Finance	1
AGR214	Agricultural Marketing	1
AGR265	Organic Crop Prod: Spring	24
AHR110	Intro to Refrigeration	20
AHR111	HVACR Electricity	21
AHR112	Heating Technology	22
AHR113	Comfort Cooling	13
AHR114	Heat Pump Technology	10
AHR180	HVACR Customer Relations	1
AHR213	HVACR Building Code	18
ANS110	Animal Science	33
ANS115	Animal Feeds & Nutrition	20
ANS120	Beef Production	12
ANS130	Poultry Production	11
ANS150	Animal Health Management	15
ANS210	Livestock Prod Issues	12
AQU111	Aquaculture I	2
AQU112	Aquaculture II	1



AQU161	Aquaculture Practicum I	1
AQU162	Aquaculture Practicum II	1
ARC111	Intro to Arch Technology	11
ARC112	Constr Matls & Methods	8
ARC114	Architectural CAD	43
ARC114A	Architectural CAD Lab	7
ARC133	Construction Doc Analysis	1
ARC210	Intro to Sustain Design	5
ARS112	Auto Restoration Research	11
ART111	Art Appreciation	63
ART115	Art History Survey II	1
ART121	Design I	4
ART131	Drawing I	18
ART171	Computer Art I	2
ART231	Printmaking I	1
ART264	Digital Photography I	4
ASL111	Elementary ASL I	21
ASL112	Elementary ASL II	10
ASL181	ASL Lab 1	21
ASL182	ASL Lab 2	10
ASL211	Intermediate ASL I	1
ASL281	ASL Lab 3	1
ATR112	Intro to Automation	1
AUB111	Painting & Refinishing I	79
AUB112	Painting & Refinishing II	3
AUB114	Special Finishes	1
AUB121	Non-Structural Damage I	77
AUB122	Non-Structural Damage II	26
AUB131	Structural Damage I	45
AUB132	Structural Damage II	1
AUB134	Autobody MIG Welding	3
AUB136	Plastics & Adhesives	5
AUB150	Automotive Detailing	3
AUB160	Body Shop Operations	1
AUB162	Autobody Estimating	1
AUT110	Intro to Auto Technology	14
AUT113	Automotive Servicing	5
AUT114	Safety and Emissions	1

AUT116	Engine Repair	67
AUT116A	Engine Repair Lab	26
AUT141	Suspension & Steering Sys	81
AUT141A	Suspension & Steering Lab	47
AUT151	Brake Systems	126
AUT151A	Brake Systems Lab	107
AUT161	Electrical Systems	26
AUT163	Chassis Elec & Elect Lab	7
AUT163A	Adv Auto Electricity Lab	7
AUT181	Engine Performance-Electrical	108
AUT181A	Engine Performance 1 Lab	62
AUT183	Engine Performance-Fuels	25
AUT231	Manual Drive Trains/Axles	1
AUT281	Adv Engine Performance	3
BAF143	Financial Planning	26
BAR111	Barbering Concepts I	15
BAR112	Barbering Clinic I	15
BAR113	Barbering Concepts II	14
BAR114	Barbering Clinic II	14
BIO110	Principles of Biology	8
BIO111	General Biology I	92
BIO112	General Biology II	53
BIO140	Environmental Biology	2
BIO140A	Environmental Biology Lab	2
BIO155	Nutrition	41
BIO163	Basic Anat & Physiology	5
BIO165	Anatomy and Physiology I	17
BIO166	Anatomy and Physiology II	12
BIO168	Anatomy and Physiology I	78
BIO169	Anatomy and Physiology II	19
BMT111	Intro to Biomed Field	1
BPM111	Biomanufacturing Tech. I	1
BPR111	Blueprint Reading	88
BPR121	Blueprint Reading: Mech	1
BPR130	Blueprint Reading/Const	49
BPR135	Schematics & Diagrams	6
BPT110	Intro to Broadcasting	12
BPT111	Broadcast Law & Ethics	9

BPT112	Broadcast Writing	4
BPT113	Broadcast Sales	4
BPT121	Broadcast Speech I	3
BPT131	Audio/Radio Production I	6
BPT135	Radio Performance I	7
BTC150	Bioethics	3
BUS110	Introduction to Business	280
BUS115	Business Law I	121
BUS121	Business Math	4
BUS125	Personal Finance	10
BUS137	Principles of Management	118
BUS139	Entrepreneurship I	3
BUS153	Human Resource Management	1
BUS230	Small Business Management	2
BUS240	Business Ethics	6
BUS260	Business Communication	1
BUS280	REAL Small Business	1
CAR110	Introduction to Carpentry	15
CAR111	Carpentry I	64
CAR112	Carpentry II	19
CAR114	Residential Bldg Codes	1
CCT121	Computer Crime Invest.	3
CET110	Intro to CET	6
CHM131	Introduction to Chemistry	4
CHM131A	Intro to Chemistry Lab	4
CHM151	General Chemistry I	8
CHM152	General Chemistry II	3
CIS110	Introduction to Computers	857
CIS111	Basic PC Literacy	16
CIS115	Intro to Prog & Logic	42
CJC111	Intro to Criminal Justice	527
CJC112	Criminology	688
CJC113	Juvenile Justice	335
CJC114	Investigative Photography	279
CJC120	Interviews/Interrogations	184
CJC121	Law Enforcement Operations	202
CJC122	Community Policing	64
CJC131	Criminal Law	527

CJC132	Court Procedure & Evidence	142
CJC141	Corrections	73
CJC144	Crime Scene Processing	33
CJC146	Trace Evidence	29
CJC160	Terrorism:Underlying Issu	17
CJC211	Counseling	1
CJC212	Ethics & Comm Relations	275
CJC213	Substance Abuse	47
CJC214	Victimology	109
CJC221	Investigative Principles	101
CJC222	Criminalistics	25
CJC223	Organized Crime	1
CJC225	Crisis Intervention	20
CJC231	Constitutional Law	248
CJC232	Civil Liability	30
CJC241	Community-Based Corrections	12
CJC244	Footwear and Tire Imprint	16
CJC245	Friction Ridge Analysis	19
CJC246	Adv. Friction Ridge Analy	15
CMT120	Codes and Inspections	6
CMT210	Prof Construction Superv	7
COM110	Introduction to Communication	16
COM120	Interpersonal Communication	7
COM231	Public Speaking	78
COS111	Cosmetology Concepts I	449
COS112	Salon I	469
COS113	Cosmetology Concepts II	102
COS114	Salon II	100
COS115	Cosmetology Concepts III	36
COS116	Salon III	36
COS117	Cosmetology Concepts IV	16
COS118	Salon IV	16
COS119	Esthetics Concepts I	2
COS120	Esthetics Salon I	2
COS121	Manicure/Nail Technology I	53
COS125	Esthetics Concepts II	1
COS126	Esthetics Salon II	1
COS222	Manicure/Nail Tech. II	33

COS224	Trichology & Chemistry	6
COS240	Contemporary Design	2
CSC134	C++ Programming	1
CSC139	Visual BASIC Programming	7
CSC151	JAVA Programming	3
CSC239	Advanced Visual BASIC	5
CST111	Construction I	6
CST112	Construction II	6
CST131	OSHA/Safety/Certification	5
CST251	Electrical Wiring Systems	7
CTI110	Web, Pgm, & Db Foundation	2
CTS115	Info Sys Business Concept	1
CTS120	Hardware/Software Support	65
CTS130	Spreadsheet	2
CTS220	Adv Hard/Software Support	35
CUL110	Sanitation & Safety	30
CUL110A	Sanitation & Safety Lab	19
CUL112	Nutrition for Foodservice	16
CUL120	Purchasing	13
CUL120A	Purchasing Lab	3
CUL135	Food & Beverage Service	1
CUL135A	Food & Beverage Serv Lab	1
CUL140	Basic Culinary Skills	14
CUL160	Baking I	11
CUL160A	Baking I Lab	10
CUL170	Gardemanger I	13
DBA110	Database Concepts	8
DEA111	Introduction to DEAT	15
DEA112	2D Design and Animation I	1
DEA213	3D Design and Animation I	8
DEA221	DEAT Modeling	10
DES135	Prin & Elem of Design I	11
DFT111	Technical Drafting I	34
DFT111A	Technical Drafting I Lab	34
DFT112	Technical Drafting II	9
DFT112A	Technical Drafting II Lab	9
DFT119	Basic CAD	9
DFT121	Intro to GD & T	8

DFT151	CAD I	42
DFT152	CAD II	12
DFT153	CAD III	7
DFT154	Intro Solid Model/Render	3
DFT170	Engineering Graphics	15
DMA010	Operations with Integers	2
DMA040	Express/Lin Equat/Inequal	1
DMA050	Graphs/Equations of Lines	1
DMA060	Polynomial/Quadratic Appl	1
DME110	Intro to Digital Media	1
DRE097	Integrated Reading Writing II	1
ECO151	Survey of Economics	2
ECO251	Prin of Microeconomics	42
ECO252	Prin of Macroeconomics	2
EDU119	Early Childhood Ed	227
EDU131	Child, Family, & Commun	48
EDU144	Child Development I	80
EDU145	Child Development II	40
EDU146	Child Guidance	29
EDU151	Creative Activities	35
EDU151A	Creative Activities Lab	8
EDU153	Health, Safety, & Nutrit	58
EDU162	Early Exp/Prosp Teachers	1
EDU184	Early Child Intro Pract	15
EDU216	Foundations in Education	27
EDU221	Children with Sp Needs	1
EDU234	Infants, Toddlers, & Twos	11
EDU235	School-Age Dev & Program	8
EDU251	Exploration Activities	1
EDU271	Media Tech for Teachers	5
EDU275	Effective Teach Train	11
EDU280	Literacy Experiences	10
EDU281	Instruc Strat/Read & Writ	3
EDU289	Adv Issues/School Age	7
EGR110	Intro to Engineering Tech	3
EGR111	Eng Comp and Careers	6
EGR115	Intro to Technology	4
EGR115A	Intro to Technology Lab	4

EGR120	Eng and Design Graphics	7
EGR125	Appl Software for Tech	6
EGR150	Intro to Engineering	26
ELC111	Intro to Electricity	2
ELC112	DC/AC Electricity	41
ELC113	Basic Wiring I	34
ELC115	Industrial Wiring	1
ELC117	Motors and Controls	20
ELC118	National Electrical Code	6
ELC119	NEC Calculations	4
ELC125	Diagrams and Schematics	1
ELC126	Electrical Computations	2
ELC128	Intro to PLC	29
ELC131	DC/AC Circuit Analysis	17
ELC131A	DC/AC Circuit Analy. Lab	1
ELC220	Photovoltaic Sys Tech	3
ELC229	Applications Project	12
ELN133	Digital Electronics	5
ELN229	Industrial Electronics	16
ELN231	Industrial Controls	13
EMS110	EMT-Basic	91
EMS140	Rescue Scene Management	31
EMS150	Emerg Vehicles & EMS Comm	22
EMS235	EMS Management	15
ENG095	Reading & Comp Strategies	2
ENG101	Applied Communications I	4
ENG102	Applied Communications II	1
ENG111	Expository Writing	394
ENG111A	Expository Writing Lab	2
ENG112	Argument-Based Research	77
ENG113	Literature-Based Research	16
ENG114	Prof Research & Reporting	1
ENG131	Introduction to Literature	6
ENG232	American Literature II	2
ENG241	British Literature I	1
ENG243	Major British Writers	1
EPT120	Sociology of Disaster	14
EPT130	Mitigation & Preparedness	1

EPT210	Disaster Resp Ops Mgt.	1
EPT220	Terrorism and Emer.Mgt.	1
ETR210	Intro to Entrepreneurship	1
FIP120	Intro to Fire Protection	65
FIP124	Fire Prevention & Public	56
FIP128	Detection & Investigation	36
FIP132	Building Construction	18
FIP136	Inspection and Codes	1
FIP140	Industrial Fire Protect	5
FIP144	Sprinklers & Auto Alarms	6
FIP152	Fire Protection Law	7
FIP164	OSHA Standards	1
FIP220	Fire Fighting Strategies	25
FIP228	Local Govt Finance	1
FIP236	Emergency Management	15
FOR121	Dendrology	1
FOR131	Forest Measurements	1
FOR171	Intro to Forest Resources	2
FVP220	Editing I	8
FVP250	Production Specialities I	12
GEL111	Introductory Geology	1
GRA110	Graphic Arts Orientation	2
GRA121	Graphic Arts I	12
GRA151	Computer Graphics I	45
GRA152	Computer Graphics II	22
GRA255	Image Manipulation I	34
GRA256	Image Manipulation II	10
GRD110	Typography I	10
GRD121	Drawing Fundamentals I	15
GRD141	Graphic Design I	31
GRD142	Graphic Design II	4
GRD145	Design Applications I	1
GRD151	Computer Design Basics	26
GRD152	Computer Design Tech I	23
GRD167	Photographic Imaging I	204
GRD168	Photographic Imaging II	197
HEA110	Personal Health/Wellness	29
HET110	Diesel Engines	4



HET112	Diesel Electrical Systems	3
HET114	Power Trains	2
HET118	Mechanical Orientation	1
HET119	Mechanical Transmissions	2
HET125	Preventive Maintenance	2
HET134	Mechanical Fuel Injection	5
HET230	Air Brakes	1
HET231	Med/Hvy.Duty Brake System	5
HIS111	World Civilizations I	53
HIS112	World Civilizations II	5
HIS121	Western Civilization I	146
HIS122	Western Civilization II	2
HIS131	American History I	4
HIS132	American History II	5
HMT110	Intro to Healthcare Mgt	8
HOR112	Landscape Design I	8
HOR114	Landscape Construction	29
HOR134	Greenhouse Operations	7
HOR150	Intro to Horticulture	2
HOR160	Plant Materials I	24
HOR162	Applied Plant Science	2
HOR164	Hort Pest Management	3
HOR166	Soils & Fertilizers	10
HOR168	Plant Propagation	3
HOR225	Nursery Production	2
HOR235	Greenhouse Production	1
HRM245	Hosp Human Resource Mgt	1
HSC110	Orientation to Health Careers	10
HSE110	Intro to Human Services	5
HSE125	Counseling	5
HSE210	Human Services Issues	1
HSE225	Crisis Intervention	3
HUM110	Technology and Society	44
HUM115	Critical Thinking	6
HUM120	Cultural Studies	2
HUM121	The Nature of America	26
HUM130	Myth in Human Culture	11
HYD110	Hydraulics/Pneumatics I	53

INT110	International Business	57
ISC112	Industrial Safety	68
ISC121	Envir Health & Safety	2
LEX110	Intro to Paralegal Study	1
LOG110	Introduction to Logistics	1
LOG125	Transportation Logistics	1
LSG121	Fall Gardening Lab	1
MAC111	Machining Technology I	32
MAC112	Machining Technology II	9
MAC114	Intro to Metrology	2
MAC121	Intro to CNC	19
MAC122	CNC Turning	13
MAC124	CNC Milling	18
MAC131	Blueprint Reading/Mach I	14
MAC132	Blueprint Reading/Mach II	1
MAC141	Machining Applications I	36
MAC151	Machining Calculations	18
MAC171	Measure/Material & Safety	16
MAC172	Job Plan, Bench & Layout	4
MAC173	Manual Milling/Drilling	6
MAC224	Advanced CNC Milling	4
MAC231	CNC Graphics Prog: Turning	1
MAC232	CNC Graphics Prog: Milling	1
MAS140	Intro to Masonry	10
MAT101	Applied Mathematics I	5
MAT115	Mathematical Models	3
MAT121	Algebra/Trigonometry I	2
MAT140	Survey of Mathematics	14
MAT140A	Survey of Mathematics Lab	4
MAT151	Statistics I	4
MAT151A	Statistics I Lab	4
MAT155	Statistical Analysis	1
MAT161	College Algebra	80
MAT161A	College Algebra Lab	18
MAT171	Precalculus Algebra	32
MAT171A	Precalculus Algebra Lab	18
MAT172	Precalculus Trigonometry	15
MAT172A	Precalculus Trig Lab	12

MAT175	Precalculus	1
MAT175A	Precalculus Lab	1
MAT271	Calculus I	1
MAT272	Calculus II	1
MEC110	Intro to CAD/CAM	16
MEC111	Machines Processes I	8
MEC112	Machine Processes II	3
MEC142	Physical Metallurgy	1
MEC145	Mfg Materials I	29
MEC161	Manufacturing Processes I	16
MEC161A	Manufacturing Proc I Lab	7
MEC180	Engineering Materials	3
MED110	Orientation to Med Assist	84
MED114	Prof Interac in Heal Care	30
MED116	Introduction to A & P	3
MED118	Medical Law and Ethics	60
MED121	Medical Terminology I	291
MED122	Medical Terminology II	124
MED130	Admin Office Proc I	15
MED131	Admin Office Proc II	11
MKT120	Principles of Marketing	37
MNT110	Intro to Maint Procedures	8
MPS102	Outboard Powerhead Systems	1
MUS110	Music Appreciation	22
MUS131	Chorus I	3
MUS141	Ensemble I	2
MUS210	History of Rock Music	1
NAS101	Nursing Assistant I	325
NAS102	Nursing Assistant II	28
NAS103	Home Health Care	72
NAS104	Home Health Clinical	3
NAS105	Life Span Changes	7
NAS106	Geriatrics	32
NET110	Data Comm/Networking	27
NET125	Routing and Switching I	27
NET126	Routing and Switching II	10
NET225	Adv. Router & Switching I	7
NET226	Adv.Router & Switching II	6

NOS110	Operating System Concepts	43
NOS130	Windows Single User	2
OMT222	Project Management	1
OST130	Comprehensive Keyboarding	22
OST131	Keyboarding	13
OST132	Keyboard Skill Building	7
OST134	Text Entry and Formatting	4
OST136	Word Processing	13
OST137	Office Software Appls	1
OST140	Internet Comm/Research	80
OST141	Med Terms I-Med Office	174
OST142	Med Terms II-Med Office	44
OST148	Med Coding Billing & Insu	35
OST149	Medical Legal Issues	39
OST164	Text Editing Applications	9
OST181	Intro to Office Systems	1
OST184	Records Management	1
OST247	CPT Coding in the Med Off	18
OST248	Diagnostic Coding	18
OST286	Professional Development	82
OST289	Office Systems Management	1
PCC110	Intro to Pottery	1
PED110	Fit and Well for Life	3
PED111	Physical Fitness I	6
PED117	Weight Training I	1
PHM110	Introduction to Pharmacy	1
PHM115	Pharmacy Calculations	1
PHM120	Pharmacology I	1
PHM125	Pharmacology II	1
PHO110	Fund of Photography	7
PHO115	Basic Studio Lighting	6
PHO120	Intermediate Photography	4
PHO139	Intro to Digital Imaging	4
PHO219	Digital Applications	3
PHO222	Video Production	168
PHO224	Multimedia Production	3
PHO242	Digital Video Prod & Ed	167
PHY110	Conceptual Physics	12

PHY110A	Conceptual Physics Lab	12
PHY151	College Physics I	3
PLU111	Intro to Basic Plumbing	7
POL130	State & Local Government	1
PRN155	Screen Printing I	8
PSY118	Interpersonal Psychology	7
PSY150	General Psychology	632
PSY241	Developmental Psych	9
PSY281	Abnormal Psychology	16
REL110	World Religions	17
REL111	Eastern Religions	1
REL112	Western Religions	1
REL211	Intro to Old Testament	2
REL212	Intro to New Testament	3
SAB110	Substance Abuse Overview	3
SAB210	Sub Abuse Counseling	1
SEC110	Security Concepts	32
SEC150	Secure Communications	1
SGD111	Introduction to SGD	29
SGD112	SGD Design	24
SGD113	SGD Programming	26
SGD114	3D Modeling	20
SGD162	SG 3D Animation	3
SGD174	SG Level Design	1
SGD212	SGD Design II	2
SOC210	Introduction to Sociology	241
SOC213	Sociology of the Family	60
SOC220	Social Problems	1
SOC240	Social Psychology	38
SPA111	Elementary Spanish I	14
SPA112	Elementary Spanish II	5
SPA181	Spanish Lab 1	2
SPI111	Cultural & Ethical Issues	1
SST140	Green Building Concepts	2
TRF151	Intro Landscape Design	7
TRN110	Intro to Transport Tech	228
TRN120	Basic Transp Electricity	135
TRN120A	Basic Transp Electrical Lab	19

TRN130	Intro to Sustainable Transp	4
TRN140	Transp Climate Control	28
TRN140A	Transp Climate Cont Lab	30
TRN145	Adv Transp Electronics	2
TRN170	Pc Skills for Transp	42
TRN180	Basic Welding for Transp	56
TRN180A	Basic Welding for Transp Lab	6
TXY103	Mammal Taxidermy	1
WEB110	Internet/Web Fund	56
WEB111	Intro to Web Graphics	17
WEB115	Web Markup and Scripting	10
WEB120	Intro Internet Multimedia	13
WEB125	Mobile Web Design	7
WEB140	Web Development Tools	4
WEB180	Active Server Pages	1
WEB210	Web Design	25
WEB214	Social Media	9
WEB225	Content Management Sys	1
WEB285	Emerging Web Technologies	8
WLD110	Cutting Processes	380
WLD111	Oxy-Fuel Welding	19
WLD112	Basic Welding Processes	245
WLD115	SMAW (Stick) Plate	381
WLD116	SMAW (Stick) Plate/Pipe	45
WLD121	GMAW (MIG) FCAW/Plate	209
WLD122	GMAW (MIG) Plate/Pipe	3
WLD131	GTAW (TIG) Plate	174
WLD132	GTAW (TIG) Plate/Pipe	3
WLD141	Symbols & Specifications	250
WLD143	Welding Metallurgy	6
WLD145	Thermoplastic Welding	2
WLD151	Fabrication I	15
WLD212	Inert Gas Welding	23
WLD215	SMAW (Stick) Pipe	3
WLD261	Certification Practices	5
WLD262	Inspection & Testing	7
WOL110	Basic Construction Skills	1
Total		<b>19315</b>

North Carolina CTE provides numerous ways for students to begin the journey to meet their personal and professional goals. Strong ties to economic and workforce development programs in each region, and statewide, district-wide, and school-based business and industry partnerships, ensure that programs will provide meaningful education and skills training that prepare students both to enter the workforce directly and as lifelong learners who must keep their skills updated through professional development and further education throughout their careers. The opportunity to earn industry credentials and community college credits demonstrates student achievement and provides a foundation upon which students can begin to build their careers.