

CCRG Information Meeting

Fall 2019





Career and College Ready Graduates Our Goal for All Students Fall 2019

NC Community Colleges

Laura Kalbaugh

lmkalbaugh@waketech.edu

NC Department of Public Instruction

Dr. David Stegall

David.Stegall@dpi.nc.gov





Welcome!

- ▶ NCDPI and NCCCS have been working in partnership on CCRG since 2016
- ▶ Full statewide implementation is legislated for Fall 2020
- ▶ This professional development will help frame the implementation in your LEA
- ▶ We are here to support this implementation and will answer as many questions as we can



CCRG Legislation Overview

EXTEND CAREER- AND COLLEGE-READY GRADUATE PROGRAM IMPLEMENTATION DATE

SECTION 9.4. Section 10.13 of S.L. 2015-241, as amended by Section 10.5 of S.L. 2016-94, reads as rewritten:

"SECTION 10.13.(a) The State Board of Community Colleges, in consultation with the State Board of Education, shall develop a program for implementation beginning with model programs in the 2016-2017 school year that introduces the college developmental mathematics and developmental reading and English curriculums in the high school senior year and provides opportunities for college remediation for students prior to high school graduation through cooperation with community college partners. Professional development for high school faculty shall begin with the 2018-2019 school year. The program shall be phased in by cohorts developed by the Department of Public Instruction beginning with the 2019-2020 school year. The program shall be fully implemented in all high schools statewide beginning with the 2020-2021 school year. Students who are enrolled in the Occupational Course of Study to receive their high school diplomas shall not be required to participate in the program or be required to take mandatory remedial courses as provided for in this section, unless a parent specifically requests through the individualized education program (IEP) process that the student participates.

CCRG Legislation Overview

The program shall require the following:

- 1) Establishment by the State Board of Community Colleges of measures for determining student readiness and preparation for college coursework by using ACT scores, student grade point averages, or other measures currently used by the State Board of Community Colleges to determine college readiness for entering students.
- 2) Changes in curriculum, policy, and rules as needed by the State Board of Community Colleges and State Board of Education to make remedial courses mandatory for students who do not meet readiness indicators by their junior year to ensure college readiness prior to high school graduation. These changes shall include the flexibility for students to fulfill senior mathematics and English graduation requirements through enrollment in mandatory remedial courses or to enroll in those courses as electives.
- 3) High schools to use curriculum approved by the State Board of Community Colleges, in consultation with the State Board of Education.

CCRG Legislation Overview

The program shall require the following:

- 4) Determinations by the State Board of Community Colleges on the following:
 - a. Appropriate measures of successful completion of the remedial courses to ensure students are prepared for coursework at a North Carolina community college without need for further remediation in mathematics or reading and English.
 - b. The length of time following high school graduation in which a student who successfully completed high school remedial courses will not be required to enroll in developmental courses at a North Carolina community college.

- 5) Delivery of remedial courses by high school faculty consistent with policies adopted by the State Board of Community Colleges and the State Board of Education. The policies shall include, at a minimum, the following requirements:
 - a. High school faculty teaching the approved remedial courses must successfully complete training requirements as determined by the State Board of Community Colleges, in consultation with the State Board of Education.
 - b. The North Carolina Community College System shall provide oversight of the remedial courses and professional development requirements to ensure appropriate instructional delivery.

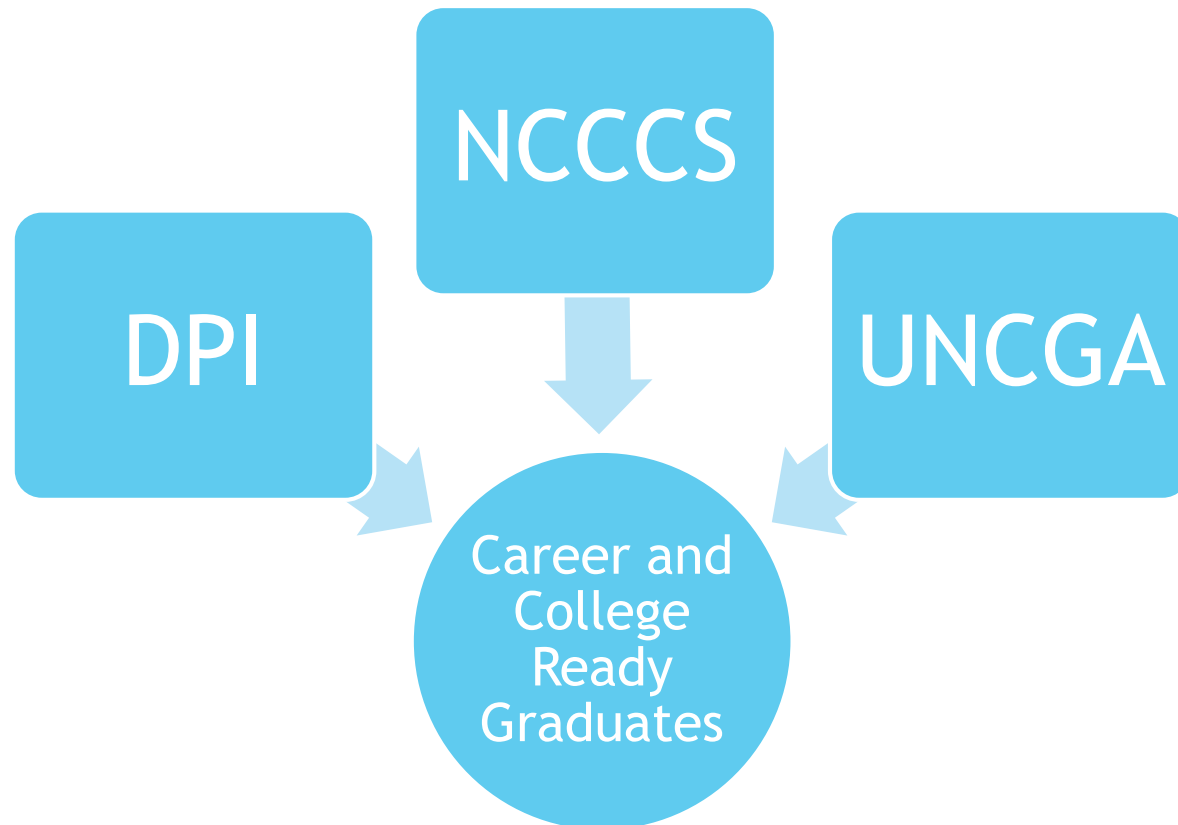
CCRG Legislation Overview

SECTION 10.13.(b) The State Board of Community Colleges and the State Board of Education shall report on progress of implementation of the program statewide, including the requirements in subsection (a) of this section, to the Joint Legislative Education Oversight Committee no later than March 15, 2016. The State Board of Community Colleges and the State Board of Education shall jointly report to the Joint Legislative Education Oversight Committee as follows:

- (1) No later than March 15, 2017, on the outcomes of model programs implemented in the 2016-2017 school year and suggested statutory changes to ensure successful implementation of the program statewide.
- (2) No later than March 15, 2018, on implementation and professional development efforts in the 2017-2018 school year and information on changes in final changes in curriculum, policy, and rules to ensure successful implementation of the program statewide.
- (2a) No later than March 15, 2019, on implementation and professional development efforts in the 2018-2019 school year and information on final changes in curriculum, policy, and rules to ensure successful implementation of the program statewide.
- (3) No later than October 15, 2020, and annually thereafter, on program outcomes, including impact on remediation rates by high school in both mathematics and reading and English for recent high school graduates entering a North Carolina community college or constituent institution of The University of North Carolina."

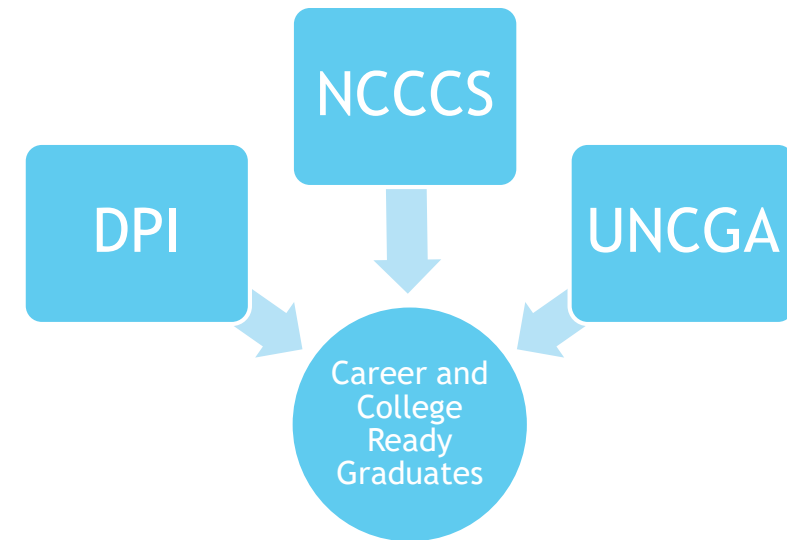
CCRG Course Development

- ▶ CCRG partnerships were started in 2016
- ▶ CCRG courses were initially developed using NROC Edready and community college developmental education pre-requisite courses.
- ▶ Using CCRG results as one data point, community college developmental education has undergone a redesign (implementation began in 2019SP)
- ▶ New CCRG math and English courses have been developed based on current community college courses



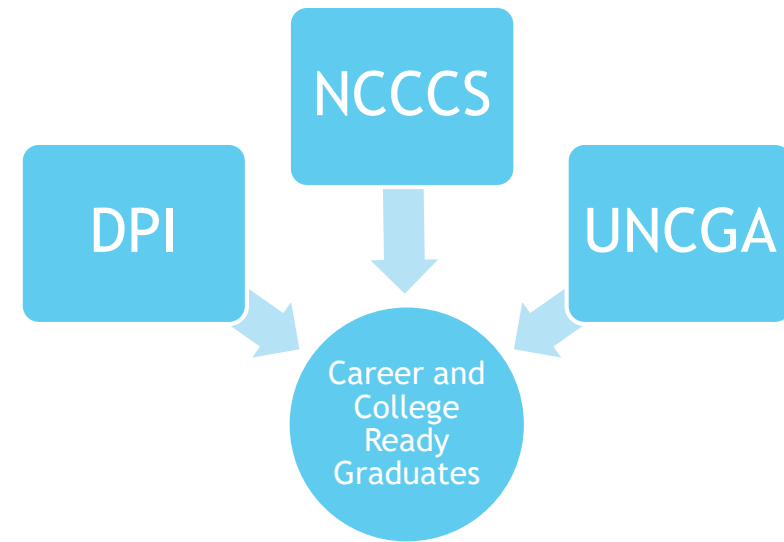
CCRG Course Development

- ▶ CCRG math course timeline
 - ▶ September 2016 - representatives from six CCs who had active CCRG models met to review NROC curriculum
 - ▶ March/April 2017 - regional information meetings held to review curriculum and answer questions on how to create a CCRG model (~230 participants)
 - ▶ April 2017 - GearUp requires schools to implement CCRG math
 - ▶ September 2017 - CCRG Summits held for all LEAs and CCs across the state (4 locations) where CCRG math course was reviewed and comments taken (~590 participants)
 - ▶ November 2017 - high school and CC faculty meet to discuss changes to CCRG math course and align with proposed developmental redesigned courses
 - ▶ February 2018 - CCRG math course is presented to UNC GA for review and feedback
 - ▶ May 2018 - Debriefing held with HS and CC faculty from CCRG model partnerships
 - ▶ May 2018 - UNC feedback incorporated into CCRG math course
 - ▶ February 2019 - UNC GA letter supports creation of CCRG math course



CCRG Course Development

- ▶ CCRG English course timeline
 - ▶ June 2017- 11 high school and community college English instructors meet to review TN SAILS English course and begin developing similar English IV course for NC
 - ▶ September 2017 - CCRG Summits held for all LEAs and CCs across the state (4 locations) where CCRG English IV course was reviewed and comments taken (~590 participants)
 - ▶ November 2017 - CCRG English IV presented to UNC GA for review by all UNC universities and feedback provided
 - ▶ December 2017 - CCRG English IV course amended based on DPI feedback
 - ▶ February 2018 - UNC GA letter supports creation of CCRG English course
 - ▶ May 2018 - Debriefing held with HS and CC faculty from CCRG model partnerships
 - ▶ February 2019 - Further redesign of the CCRG English course based on DPI feedback



Current CCRG Courses

- ▶ The CCRG-Enhanced English IV course has been developed to merge Career and College Ready English Learning Outcomes (delivered via EdReady) and CCRG reading and writing activities with current grade level (11-12) standards.
 - ▶ Documentation has been created and will be available to all CCRG-Enhanced English IV teachers
 - ▶ This will be an enhanced English IV course and count as the required English IV credit

Current CCRG Courses

- ▶ Math is a bit more complicated
 - ▶ Pilots tested a variety of implementations of the math course
 - ▶ Embedded in a 4th math like SREB, AFM, and Discrete
 - ▶ Smart lunch
 - ▶ Stand alone elective
 - ▶ The CCRG material doesn't fit well in any current 4th level math
 - ▶ By definition it is remedial material and does not support 4th level math curriculum well
 - ▶ Attempting to run two math classes in one for students in the target group is confusing

Review of Pilot Data

- ▶ Our largest number of CCRG students was in the 2017-18 academic year
- ▶ Partnerships reported on 870 students - mostly math
- ▶ The largest models were 1) embedded in SREB and 2) stand alone elective
- ▶ In this year, the CCRG curriculum followed what was the current developmental math courses (8 modules)

Model	# Students beginning DMA 010	# Students successful DMA 030	% Students successful DMA 030	# Students successful DMA 050	% Students successful DMA 050	# Students successful DMA 080	% Students successful DMA 080
Embedded SREB	253	235	93%	217	86%	36	14%
Stand alone elective	200	182	91%	163	82%	128	64%

Review of Pilot Data

- ▶ In 2018-19 there were fewer models
- ▶ Largest partnership reported on four high schools - three used embedded in SREB or smart lunch

Model	# Students beginning DMA 010	# Students successful DMA 030	% Students successful DMA 030	# Students successful DMA 050	% Students successful DMA 050	# Students successful DMA 080	% Students successful DMA 080
Embedded SREB or Smart Lunch	156	80	51%	65	42%	22	14%

- ▶ Data confirms that these models do not promote completion of NROC curriculum

Review of Pilot Data

- ▶ The fourth high school used the stand alone elective model
- ▶ This group also piloted the new community college curriculum (3 Tiers)

Model	# Students beginning course	# Students successful Tier 1	% Students successful Tier 1	# Students successful Tier 2	% Students successful Tier 2	# Students successful Tier 3	% Students successful Tier 3
Stand alone elective	28	24	86%	17	61%	0	0%

- ▶ Data confirms that this model better promotes completion of NROC curriculum
- ▶ Lower success in Tier 3 compared to previous curriculum is credited to two things
 - ▶ Increased depth and breadth of the new curriculum
 - ▶ Many students did not need to complete final tier for intended program of study

Student Criteria for Placement

- ▶ First, let's look at placement at the community colleges

**HS GPA
2.8+**

**Gateway math or
English without
co-requisite**

**HS GPA
2.2-2.799**

**If ACT benchmark
score then math or
English gateway
without co-requisite**

**Gateway math or
English with a
co-requisite**

**HS GPA
< 2.2**

**If ACT score within 2
points of benchmark
then gateway course
with co-requisite**

**Transition Math
Course and/or
Transition English
Course**

Student Criteria for Placement

► Options for Gateway English

**Mastery
of Tier 1**

**Mastery
of Tier 2**

**ENG 111
with co-
requisite**

**ENG 111
without
co-requisite**

Student Criteria for Placement

► Options for gateway math

**Mastery of
Tier 1**

**MAT 110
without co-requisite**

**MAT 143 or
MAT 152
with co-requisite**

**Mastery of
Tier 2**

**MAT 143 or
MAT 152
without co-requisite**

**MAT 121 or
MAT 171
with co-requisite**

**Mastery of
Tier 3**

**MAT 121 or
MAT 171
without co-requisite**

Student Criteria for CCRG

HS GPA

2.2-2.799

- ▶ CCRG will target the middle group of students in an effort to eliminate the need to take required corequisite
- ▶ Data shows that this group has made the most progress in models
- ▶ CCRG courses can be offered to more students if desired

Student Criteria for Waiver

- ▶ A variety of measures can be used to waive students from the required CCRG course

Test	SAT	ACT	Math 3 EOC
English	480 composite score for Evidenced- Based Reading and Writing	18	
Reading		22	
Math	530	22	4 or 5

- ▶ Students who are eligible for a CCP College Transfer Pathway are exempt from CCRG courses

Student Criteria for Waiver

- ▶ The following test scores provide English or math credit at the college and so will also exempt students from CCRG course

Advanced Placement (AP)		International Baccalaureate (IB)		Cambridge International Examinations	
English, Language and Composition	3 or higher	IB English A (Standard or Higher Level)	4 or higher	AS Level English Language	C or higher
English, Literature, and Composition	3 or higher	IB Mathematics (Higher Level)	4 or higher	A Level English Language	C or higher
Calculus AB	3 or higher	IB Advanced Mathematics (Higher Level)	4 or higher	AS Level Language and Literature in English	C or higher
Calculus BC	3 or higher	IB Mathematical Studies (Standard Level)	4 or higher	AS Level Math	C or higher
				A Level Math	C or higher
				A Level Mathematics - Further	C or higher

NCDPI Discussion

- ▶ Talking points for implementation and logistics
- ▶ Please use [this form](#) to enter questions to inform FAQ and continued support in implementation

<https://forms.gle/snQNYFq3gfR1naW76>

<https://sites.google.com/dpi.nc.gov/k-12-sci/ci-leaders/professional-learning>

Teaching the Course

- ▶ Computer mediated instruction is different
 - ▶ Students are able to move at a pace that is appropriate for their learning
 - ▶ Requires teachers to be flexible
 - ▶ Thought needs to be given to structure of the course so that teachers can help students stay on track and motivated
 - ▶ It really is a lot of work!
- ▶ Mastery is required
 - ▶ Completion of tiers in EdReady is what gives credit at the college
 - ▶ Tier test scores will be extracted from NROC to verify mastery
 - ▶ A student cannot move to the next tier until the first is mastered as demonstrated on the tier test
 - ▶ Interventions for students who are not successful on the first attempt is critical

Goals for the Course

- ▶ Growth mindset for students
- ▶ Students recognize that they can “do college”
- ▶ Students pass gateway math and English on first attempt in college
- ▶ Students save time and money in college



Career and College Ready Graduates Our Goal for All Students Questions??

NC Community Colleges

Laura Kalbaugh

lmkalbaugh@waketech.edu

NC Department of Public Instruction

Dr. David Stegall

David.Stegall@dpi.nc.gov

