

## Current Dev Ed Offerings at Colorado Community Colleges

College	CCR/ENG Courses	MAT Courses	Waive Remedial Requirements	Other Requirements	Other information	Concerns
Arapahoe Community College (ACC)	CCR 092 CCR 094  ACC eliminated the CCR 093 option when PSY department/faculty decided to stop offering the paired courses. The faculty were concerned about student performance in the PSY course. ACC uses the Baltimore Model. They also embed soft skills into some of the CCR094 courses.	MAT 025 MAT 050 MAT 055 MAT 092 MAT 093	Can but does not happen very often.	CCR 092 students also must take AAA 109.	Experimented with offering the CCR094 ENG 121 pairing by making the CCR094 a 15 week class and the ENG 121 course a thirteen week course.  has a college wide task force on Supplemental Instruction that will create a plan by May 2019.	ELL students.  Concern that CCCS keep unity in overall course offerings/developmental placement.
Community College of Aurora (CCA)	CCR 092 CCR094	MAT 092 MAT 093 MAT 080  CCA uses MAT 080 as a prep for MAT 121. CCA also offers a 15 week SAI: MAT 121 + MAT 093	Can but does not happen very often. The student can have a discussion with their assigned advisor and discuss waiver options to eliminate the dev	CCR 092 students must also take AAA 109.	CCA has assembled a college committee to explore moving to all co-req remediation in both math and English.	Ell students. Also recommend providing information on how students of color are affected by redesign and other innovations/changes.

		<p>MAT 121 as a stand-alone course.  MAT 121 with MAT 093.  MAT 080 then MAT 121 with MAT 093. MAT Students enroll in MAT 080 first five weeks, then into MAT 093 with MAT 121. Students who fail 080 may take MAT 085</p> <p>MAT 120 stand alone.  MAT 120 with MAT 092.</p> <p>MAT 135 and MAT 136—all MAT 135 students must also take MAT 136.</p>	<p>ed course. It is up to the advisor's discretion to determine if the wavier is an option for the student. The student does not have to sign anything, if the student does talk to an advisor and discloses wanting to take a Dev Ed course, the advisor will make a note of it in Banner/Navigate.</p>			
<p>Community College of Denver (CCD)</p>	<p>CCR 092  CCR 094</p> <p>CCD uses a self-guided placement tool with students.</p>	<p>MAT 025  MAT 050  MAT 055  MAT 091  MAT 092  MAT 093</p> <p>All students who are not placed, via</p>	<p>Self-guided placement for students in CCR/ENG courses so no need for waiver. CCD does also use a first day writing assignment to</p>	<p>Piloting paired CCR 092/AAA 109 courses for about six semesters now, but that has not been a requirement.</p>	<p>Data shows more enrollment in MAT 025/050/055 because many MSUD students enroll in CCD dev ed math courses.</p>	<p>Consistent sharing of success data and placement methods at different colleges would help.</p>

		<p>accuplacer or other means, into a stand-alone college level math course needed for their program, are then placed into the college level course plus the appropriate MAT lab course. Have parachute MAT 050 and 055 courses that start two weeks later for those students who self-identify as needing the dev ed course, they must meet with instructor and department chair before enrolling into those parachute courses.</p>	<p>provide additional information to student and instructor. Instructors have “scripts” to use after these assessments.</p> <p>Students can but most follow advice. For math, they would be only refusing to take the math lab since they are placed in the college level math course as well.</p>	<p>MAT is moving to a self-guided placement like that ENG for Fall 2019. Also they are exploring offering students to enroll in MAT 055 at the start of the semester— opening up 12 of the slots to students during regular registration. They will open the section to 24 students for those who need to move from the college level to the pre req class. They would start this with MAT 055 and MAT 121 and then look to adding MAT 050 and</p>		
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				MAT 120/135 later. They will decide by the end of spring 2019 what they will do.		
Colorado Northwestern Community College (CNCC)	CCR 091 CCR 092 CCR 094	MAY 050 MAT 055 MAT 091 MAT 092 MAT 093  Offers MAT 09_ labs at Rangeley Campus but not at Craig.  Low student numbers make it difficult to offer the 091, 092, and 093 support labs.	CNCC has an Academic Appeal process—most students follow advice. More students, according to CNCC, opt to take dev ed courses even when not required.	CNCC is discussing adding an AAA requirement—right now they are imbedding the skills into the CCR course.  MAT attempted requiring AAA 100 in the past and again for Fall 2019. Finding instructors for courses is difficult,	Using ALEX as the courseware for 050 and 055	Faculty at CNCC are already maxed out in number of credits to teach so innovation become much harder.
Front Range Community College (FRCC)	CCR 092 all campuses CCR 093 Westminster campus CCR 094 all campuses	MAT 020 MAT 025 MAT 050 Mat 055 MAT 091—not all sites MAT 092 not all sites Mat 093	Can—but not an issue.  FRCC does not use a waiver at this time.	Using a self-guided placement for English.  Initial conversations	FRCC has three programs for getting student assistants in the math classrooms.	.

		<p>Do not have enrollments for the MAT 091 and 092 at all sites—tried stacking them but still did not work.</p> <p>MAT 050 and 055. One section of each is modularized curriculum. Courses have scheduled meeting times and they provide a schedule of how students should be proceeding (pace).</p> <p>Also about 30% (data from 3 years ago) of students move from MAT 050 to MAT 055—the “dotted line: option.</p>		<p>about summer bridge or boot camp programs.</p>	<p>Student Assistants are in the MAT 050 and 055 classes—they are there to supplement the help provided by instructor. Particularly helpful in this course because it is modularized and students are working on different projects.</p> <p>Supplemental Instruction provides student in the MAT 120, 135, and 121 classrooms.</p> <p>Learning Assistant Program places a student in math courses about 166.</p> <p>Students apply for these programs; the students have completed math courses and have had training by the college. They help out in the classroom, working with individual students</p>	
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Lamar Community College (LCC)	<p>CCR 091 CCR 092 CCR 094</p> <p>CCR 092 and CR 091 are only offered in the fall.</p>	<p>MAT 020 MAT 025 MATR 050 MAT 055 MAT 092 MAT 093</p> <p>CTE math students are enrolled in the college level CTE math course they need—they do not use MAT 050 as a pre-req for those courses. MAT 092 paired with 120—They have offered it paired with</p>	<p>Students can say they do not want to take a dev ed course so they can avoid the lab credit or choose the college level even if they place into the stand-alone MAT 050 and 055 sections.</p> <p>LCC requires a waiver for students who opt to skip the dev.</p>	If you are enrolled in both a dev ed math and a CCR course, recommend to take AAA 109 for students in AA, AS, or AGS.		They know their students—and provide personal attention to each and every one of them.

			<p>MAT 135 but no student has taken that option—they have waived the dev ed course.</p> <p>LCC has the MAT 092 and MAT 093 sections scheduled immediately following the college level course. Taught by same instructor— becomes place for homework help and more practice. LCC makes these work because they run the courses whether they have 1 or 12 students.</p>	ed. class and go straight to the college-level course.			
Morgan Community College (MCC)	<p>CCR 091      Fall</p> <p>CCR 092      Fall</p> <p>CCR 093      Not offered at MCC</p> <p>CCR 094      Fall and Spring Semester</p>	<p>MAT 050</p> <p>MAT 055</p> <p>MAT 091 with MAT 103 for nursing students.</p> <p>Will start 025 , 092, and 093 spring 2020.</p> <p>Students who score into the lab plus the college level to do a one hour independent study with the instructor. These students then complete</p>	<p>Not many requests—but they can.</p> <p>CCR/ENG notes this :</p> <p>About 50% of our students who test into CCR 094 Studio 121 drop the course before the end of the semester and attempt to complete ENG 121 English</p>		<p>The majority of students (70%) enrolled in CCR 091 and CCR 092 do not succeed at completing the six credit hours. Our placement and diagnostic tools are not sophisticated enough to identify the underlying causes, but a cursory examination of these students indicates a</p>	<p>Potential removal of MAT 050/055 ignores the needs of non-traditional students and creates an education gap for individuals with low skills and who need longer for processing time.</p> <p>MCC is also concerned about the needs of ESL/ELL students. They are now enrolled in their dev ed courses but these are not the right option.</p>	

		<p>an additional one hour in the Tutorial center.</p>	<p>Composition I without the co-requisite support. Students who drop the CCR 094 co-requisite have a 2% success rate (complete and pass ENG 121 with a "C" or better). Students who complete the CCR 094 co-requisite have a 96% success rate (complete and pass ENG 121 with a "C" or better). Students seldom drop CCR 091 or CCR 092 (approximately 4%) even when they are failing the class. If students are failing courses at the fourth week of the semester, instructors add their names to an Early Alert list and Student Success</p>		<p>variety of behavioral and developmental disorders. Some of these are dyslexia, brain damage, ADHD, ADD, fetal alcohol syndrome, psychiatric dysfunction (e. g., dysthymia), PTSD, and continuous traumatic stress disorder, all of which require academic support outside the scope of college preparatory course instruction. Of the students who complete CCR 091 and CCR 092, 20% enroll in a GE course of study while 10% enroll in a CTE course of study.</p>	<p>They hope to be able to meet the needs of these students.</p>
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			coaches contact them. If these students are failing at the eighth week of the semester, advisors evaluate their financial aid and contact them regarding the consequences of failing courses. Administration supports instructors who submit Administrative Withdrawals by the twelfth week of the semester so that students do not carry a letter grade of F or U/F on their transcripts.			
Northeastern Junior College (NJC)	CCR 091 CCR 092 CCR 094  NJC uses a self-guided placement survey. This tool has dramatically reduced the number of	MAT 050 MAT 055  NJC offers MAT 080 with MAT 120/135 and MAT 081 with MAT 121. MAT 50 (late start only)	Self-guided placement so not an issue for NJC  NJC requires a student sign a waiver if they choose to take a	CR 094 and CCR 092 integrate study skills. For CCR 091/CCR 092—AAA course	Jump Start program: students who register in summer can start two weeks early—can get extra help in MAT and ENG. Activities during the day and	Concerns about adult education—how are we/will we meet those needs.

	stand-alone CCR courses that they offer.	MAT 55 w/ AAA 76 (late start only) MAT 120 w/ MAT 80 MAT 121 w/ MAT 81 MAT 135 w/ MAT 85 (spring only).	college level course that they did not place into.  For 2019/2020 NJC is revising their self-placement surveys and eliminating the scoring part	required—paid for by grant now.  MAT 050 with AAA 075—1 credit. Class meets four days a week—with the fifth day being for the AAA course. Student can opt out of the fifth day.  Mat 055 with AAA 076 2 credits. Class meets five days a week—students MAY NOT opt out of the additional work.  Also NJC is exploring a block of courses that students who register late can take.	evenings. Dorms are open. Paid for by Title III—not sure what will happen when dollars are gone.  EDU 176 all first time students in this course. It meets 7 weeks, 1x/week. It has its own section number, assigned instructor and shows up as a regular class. It is 0 credit for the students.	
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<p>Otero Junior College (OJC)</p>	<p>CCR 091 CCR 092 CCR 094</p>	<p>MAT 025 MAT 055 MAT 091 MAT 092</p> <p>Algebra faculty feel they need the stand alone dev ed course. The MAT 120 and 135 meet M through R— Friday is for the MAT 092—same instructor.</p> <p>MAT 025 is scheduled one hour with the instructor, one hour with math tutor/small groups</p>	<p>Have a waiver process If a student is placed into a dev-ed course and chooses to register for a college level course, they sign a waiver. If a student places into a college level course but registers for a dev-ed course, they do not sign a waiver.</p>	<p>Used to require AAA but dropped the requirement when students did not attend.</p>	<p>Will be using a self-guided survey in fall 2019.</p>	
<p>Pikes Peak Community College (PPCC)</p>	<p>CCR 092 CCR 093 limited CCR 094</p> <p>Also experimenting with ENG 077 as a co-req for ENG 131. They will develop a CCR course.</p> <p>PPCC is encouraging students to take CCR 094 ENG 121 pairing. Student who opts out of taking the placement test was placed in CCR</p>	<p>MAT 020 MAT 025 MAT 050 MAT 055 MAT 091 (with MAT 103, 107, 112)</p> <p>In Fall 2019 PPCC will pilot offering MAT 08_ as a co-req for MAT 103, MAT 107, MAT 120 and MAT 135: MAT 083 for MAT 103; MAT 087 for MAT 107</p>	<p>Does not happen very often. PPCC has a “waiver of liability”. The form was put together by our Registrar. I have attached it. They can use this to waive any pre-requisite, not just to opt-out of dev ed.</p>	<p>Students required to take AAA 109 as well.</p>		

	<p>092. Going forward those students will be placed in CCR 094.</p>	<p>MAT 080—MAT 120; MAT 085 with MAT 135.</p> <p>They are developing curriculum for a MAT 082 course to support MAT 112—but that will not be available by Fall 2019.</p> <p>No co-req for STEM pathway yet MAT 121. They have focused on the non-stem pathways. They believe they will develop this is the future.</p> <p>Most students needing remediation for math will still be in stand-alone MAT 050 and 055 sections.</p> <p>PPCC is also finding that more students in the MAT 050 and 055 need the support of the labs MAT 020 and 025 so they have added more</p>				
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		sections of the paired courses.				
Pueblo Community College (PCC)	CCR 092 CCR 094  PCC experimented with offering a 100 level ENG course paired with ENG 121 but could not get new course approved. For about two years they offered ENG 120 and ENG 135 as a co-req for some of their ENG 121 sections. As of 18 months ago they returned to using CCR 094.	MAT 055 MAT 091 MAT 092 MAT 101  They only have the stand-alone dev math course for MAT 121 (MAT 055). Students who place into dev ed for other MAT courses enroll in the college level math plus the MAT lab course. They have replaced the MAT 09x courses with MAT 101.  They also use MAT 101 with MAT 055. Students enrolled in MAT 055 also enroll in MAT 101 which is a 1 credit lab support. They have curriculum for this course and 5 projects for students to complete. MAT 101 is an extension of the MAT 055 course—same instructor. They will be developing a similar	Students can just say do not want to take class—used to have a waiver. Staff would direct the student to the particular department to get approval to be placed directly into a college level course. She was not aware of a waiver of any sort. As for choosing to be placed into a dev ed course they highly encourage not doing this but they will just place them without a waiver as well.  They want to do self-guided placement.	AAA109 a requirement for AA, AS and AGS. They allow a few programs to opt out but MOST students are required to take AAA109.		

		model for the MAT 121 because of the new legislation.				
Red Rocks Community College (RRCC)	CCR 092 CCR 094	<p>MAT 050 MAT 055</p> <p>RRCC will offer as of fall 2019 all sections of MAT 055 with MAT 121 in the same semester. Students complete MAT 055 the first half of semester and then move into MAT 121 for the second half. The classes technically are two separate courses, but the material does overlap. They ran a pilot of that model this fall/spring and had great results. They are planning a trial of MAT 050 with MAT 120 for next year with the idea of moving to that model for all dev ed for MAT 120. They see this model as a better co-req model</p> <p>They also offer MAT 136 as a co-req for MAT 135—students who</p>	<p>Can but does not happen often RRCC does not have a waiver form. Advising refers the student to the Department Chair; and the Department Chair will respond to Advising if there should be an override. No restrictions preventing the student from registering for a dev ed. course when their placement scores placed at a higher level.</p>	<p>Some partnerships with the FYE and CCR 094.</p>	<p>ENG/CCR Working on self-guided placement survey like what CCD is using.</p> <p>MAT uses open educational resources – WebWorks. Finds these resources are better than the text resources available.</p>	

		score into MAT 050 can take this option. After the first week students who feel they cannot handle the class can opt into MAT 050.				
Trinidad State Junior College (TSJC)	CCR 091 CCR 092 CCR 094  Instructors incorporate student skills into the CCR courses	MAT 050 MAT 055  Most MAT 050 and 055 are self-paced labs—students are given a schedule that outlines how they should progress through the course. They come to scheduled times where instructors are present. Students must show mastery over a chapter before moving to the next. They offer one section of MAT 050 and 055 as a lecture class each semester.  Could not get students to enroll in the math labs so dropped them from their offerings.	Faculty very concerned that too many students are encouraged to waive dev ed requirement—both of stand-alone and co-req courses.  But according to testing “TSJC requires a waiver to be signed by the student and a Dean, VP and our registrar must sign off on it before a student can take the college level course.”	They have added curriculum to the MAT 050 and MAT 055 courses		

Many colleges wanted opportunities to hear what other colleges are doing. Two colleges said they were interested in using OER but were not sure how/what/. I referred them to RRCC and Brenda because of the WebWorks project that she has used. One college wanted to know about ways to use class assistants—I referred them to FRCC because of their student assistant programs.

All colleges are using the high school GPA and discipline course completion for placement into college level courses. ACC has adapted the state “policy” to use gpa for placement into co-req courses as well.

All colleges are offering SAI models in both ENG/CCR and MAT. Colleges are being very innovative in developing more co-req models. But these models often do not use the MAT 09x labs but instead use other courses that the college has designed/redesigned as support.

The CCR 094 ENG 121 pairings are offered in many different models across our colleges. Some use the BCCC model (12 students enrolled in both CCR 094 and ENG 121; 12 students enrolled only in ENG 121—instructor teaches both the CCR 094 and ENG 121). Other colleges only have the requirement that students are enrolled in both CCR 094 and ENG 121—no integration of the courses.

All colleges provide some tutorial support for students—again those models vary from each college from student tutors in a general lab to professional tutors in labs to discipline faculty working in math labs and writing centers. Many of the colleges use “Brain Fuse” which is an online tutoring program available through D2L

Concern voiced by almost every college was that eliminating stand-alone dev ed courses would mean that our colleges would be hurting many students—particularly non-traditional students. All the colleges felt that CCCS was doing what it could to make the pending legislation the best that it could be. All colleges said that they believed that our system would be moving toward more if not most co-req dev ed models. Many did want to see the stand-alone option for some students.

Rural colleges are doing some fantastic work but they feel that they do not have as many opportunities as metro colleges because of the sheer numbers.

MAT 080- courses being used at several colleges.

Math faculty do not see the math labs as enough support for the students who need additional help which is why so many of the colleges are offering the support in different ways.

Most of the colleges are also requiring some AAA experience for students in dev ed courses. Some have a FYE requirement for all first time students. NJC requires the course but it is 0 credit for the students.