

## Course Identification Numbering System (C-ID)

### **UPDATE: Change in Prerequisite Requirements for C-ID Math 110**

The pre-requisite requirements for the C-ID Math 110, Introduction to Statistics course have been revised, following considerable discussion over the last several years.

The intent of this change is to allow colleges to experiment with alternative student preparation for the standard transfer-level statistics course, and to determine if changes can increase student success in their local environment.

Both the CSU system and the UC system have made recent changes in their requirements in this area, in part in response to a vigorous local, statewide, and national discussion of the issues – particularly the effects of the “algebra pipeline” on student completion of a transfer level math course. Some analysis can be found in the [Degrees of Freedom series](#) from Policy Analysis for California Education (PACE) and in the documentation of various Carnegie Foundation projects and courses.

The Math Faculty Discipline Review Group (FDRG) for the C-ID project is well aware that there is a wide range of opinions within our departments and our systems. The new language reflects input from individual math faculty, system math groups and academic senates (local and statewide) and attempts to find a reasonable compromise while encouraging the development of increased options for students.

The actual C-ID language states:

Required Prerequisites:

1) Intermediate algebra

or

2) any CSU accepted\* statistics pathway curriculum prerequisite

\*At present there are two mechanisms to become accepted:

- the proposed statistics course has been accepted to meet CSU General Education Breadth Area B4
- the pathway has been accepted by the CSU Chancellor's Office process per its October 20, 2015 [memo](#) (Statistics Pathways in CSU Quantitative Reasoning)

The first option retains the traditional intermediate algebra course as a prerequisite and departments are free to maintain such course outlines.

The second option acknowledges a four-year experiment in the CSU system (exception period expires the beginning of Fall 2019 term) - which allows for certain integrated pathways/sequences to complete statistics. Such courses then satisfy the C-ID prerequisite requirement.

(Notice that the CSU memo referenced specifically states, in part:

Students who complete approved statistics pathways curriculum during the exception period will be deemed by the CSU to have met the quantitative reasoning requirement in the “Golden Four” requirements for transfer admission. They will also have satisfied Area B4 Quantitative Reasoning of the CSU GE Breadth transfer curriculum.)

Departments are encouraged to take advantage of this limited opportunity to create and evaluate alternative statistics pathways that still preserve the traditional GE transfer function of this course.

The revised MATH 110 descriptor is available on the C-ID website: [https://c-id.net/view\\_final.html](https://c-id.net/view_final.html)

### **PROCESS**

In looking to revise the existing C-ID MATH 110 descriptor, the Math FDRG followed the existing C-ID [policy](#) on how to propose a substantive change outside of the 5-year review to a finalized document (such as a TMC or descriptor). Assessing the impact of colleges using an alternative student preparation for a statistics course, the Math FDRG proposed to the Intersegmental Curriculum Workgroup (ICW), comprised of both CSU and CCC representatives, the proposed change to the C-ID MATH 110 descriptor to address the alternative preparation.

The revised C-ID MATH 110 descriptor was vetted statewide three times: February 1 – March 2, 2016; April 4 – May 6, 2016; and August 1 – September 16, 2016. Faculty at colleges and universities, and Articulation Officers were contacted via the C-ID Listservs and the CIAC listserv to solicit feedback on the proposed changes.

All of the vetting results were reviewed by the FDRG – this group is comprised of three CSU faculty and three CCC faculty. Prior to finalizing the revision to the descriptor, all FDRGs that use the MATH 110 descriptor in their TMC were contacted and asked to provide input on the change.

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The disciplines were provided the following options moving forward:

- Continuing the use of the revised C-ID MATH 110 descriptor in the TMC;
- Creating a discipline specific Statistics course (e.g. C-ID SOCI 125); or
- Including intermediate algebra in the TMC. (As the Intermediate algebra course is below college level and would not affect the TMC unit count, FDRGs can opt to include this in the TMC to ensure that as the prerequisite used for statistics)

In addition, the CSU Math Council was also given the opportunity to provide feedback on the revision. After much consideration and feedback from the state, the FDRG decided to move forward with the change to the MATH 110 descriptor, and this was approved and finalized by the ICW.

## **ANNOUNCEMENTS:**

### **C-ID “X” Descriptors:**

C-ID received several inquiries regarding the purpose and intent of the descriptors marked with the “X” suffix. The “X” designation on the descriptors is intended to designate that the faculty discipline review group (FDRG) that drafted and finalized the descriptor(s) were comprised only of faculty from the community college system. Courses that are submitted for the descriptors do not have to be transferable, as the courses are not included in an existing transfer model curriculum (TMC) that carries the SB 1440 benefits. If the CSU system decides in the future that they are willing to accept the descriptors as comparable to their courses, then the FDRG will have to be reformed to include CSU faculty and a reassessment of the descriptors will take place.

Colleges with a transferable course that have submitted courses for the “X” descriptors will have to decide if they will accept an equivalent non-transferable course from a college that has also gained the C-ID designation. We encourage you to use your local college substitution policy surrounding the equivalency of the courses. Ultimately, the goal of the descriptors is to allow portability of CTE courses for students. If you have any additional questions or concerns, please contact us at [support@c-id.net](mailto:support@c-id.net).

### **CTE Disciplines Currently Vetting:**

The following CTE disciplines are currently vetting descriptors. Please encourage your faculty to participate in the vetting by going to <https://c-id.net/forum.html> and leaving comments and feedback on the draft descriptors.

- Agriculture – December 9

### **NEW! Model Curriculum Webpage**

C-ID recently added a new Model Curriculum page on the C-ID website that contains information related to model curriculum not under the umbrella of SB 1440 and SB 440 legislation. You can visit the new website here: [https://c-id.net/model\\_curriculum.html](https://c-id.net/model_curriculum.html). Make sure to visit the new webpage frequently as we work to update the information.

### **REMINDER! Discipline Input Group (DIG) Meeting- Dec:**

C-ID is hosting additional discipline input group (DIG) meetings this fall (North – Dec 9). The focus is on the following CTE areas to determine the possibility of creating descriptors and model curriculum:

- Civil and Construction Management (South 11/18 | North 12/9)
- Electronics and Electrical Technology (South 11/18 | North 12/9)
- Electrical (South 11/18 | North 12/9)

Please notify your faculty who teach in the above disciplines of the DIGs, as this is their opportunity to provide input and feedback. To find more information and to register for the events, visit the C-ID.net website, and click under “DIG Meetings”. We are also in need of AOs with CTE experience to volunteer for the meetings. Email [Krystinne@asccc.org](mailto:Krystinne@asccc.org) if you are interested in this volunteer opportunity.

### **AO Open Forum – Thank You for Participating!**

C-ID would like to thank everyone who was able to call-in to the AO Open Forum call scheduled on November 8. A range of topics were covered including an update on the 5-year review, the Areas of Emphasis disciplines, and the MATH 110 descriptor. Unfortunately, there was an issue with the recording of the Open Forum, so we are working on providing a summary of the call. Please be on the lookout for the summary document, which will be posted on the C-ID website, under the Art. Officers tab.

## **DISCIPLINE UPDATE:**

### **Alternative Fuels and Advanced Transportation Technology**

The Alternative Fuels and Advanced Transportation Technology FDRG recently completed and finalized a descriptor for the discipline. It is now available on the C-ID website for colleges to submit courses. We are seeking faculty members willing to serve as course outline of record evaluators (COREs) for courses submitted for the ALTF 100X descriptor – the short survey is accessible here for anyone interested in reviewing:

[http://www.surveymonkey.com/s/CORE\\_Participant\\_Information](http://www.surveymonkey.com/s/CORE_Participant_Information)

### **Hospitality Management:**

The Hospitality Management TMC is currently vetting through December 16, 2016. Please encourage your faculty to participate in the vetting process by going to the TMC website on the C-ID page: <https://c-id.net/degreereview.html> and scrolling to the "TMCs Open for Vetting" section. Seven descriptors are also available for review for Hospitality Management – visit the C-ID Descriptor page at <https://c-id.net/forum.html> to provide feedback.

### **Law, Public Policy, and Society – Area of Emphasis:**

The Law, Public Policy, and Society AOE TMC is currently vetting through December 16, 2016. Please encourage your faculty to participate in the vetting process by going to the TMC website on the C-ID page: <https://c-id.net/degreereview.html> and scrolling to the "TMCs Open for Vetting" section. Two descriptors are also available for review for Law, Public Policy, and Society – visit the C-ID Descriptor page at <https://c-id.net/forum.html> to provide feedback.

## **CSU CORE RECRUITMENT:**

While we welcome and would benefit from additional CSU reviewers in most disciplines, we urgently need additional CSU reviewers to review the indicated descriptors:

Please email [support@c-id.net](mailto:support@c-id.net) if you have CCC/CSU faculty recommendations, or are interested in serving!

#### **Agriculture:**

AS 104: Introduction to Animal Science  
AS 108L: Beef Cattle Science  
AS 112L: Dairy Cattle Industry/ Dairy Cattle Science  
AS 116L: Equine Science  
AS 120L: Poultry Science  
AS 124L: Small Ruminant Science  
AS 128L: Swine Science  
AS 132L: Livestock Feeding and Nutrition  
AS 136L: Animal Health and Sanitation

#### **Film/TV/Electronic Media:**

FTVE 100: Introduction to Electronic Media  
FTVE 105: Introduction to Media Aesthetics and Cinematic Arts  
FTVE 110: Introduction to Media Writing  
FTVE 120: Beginning Audio Production  
FTVE 125: Beginning Radio Production  
FTVE 135: Beginning TV Studio Production

#### **Global Studies:**

GLST 101: Introduction to Global Studies  
GLST 102: Global Issues

#### **Social Justice:**

SJS 110: Introduction to Social Justice  
SJS 120: Introduction to Women's Studies  
SJS 130: Introduction to LGBTQ Studies

## **COURSES BY DISCIPLINE**

As of November 28, 2016, over 18,632 courses have received determinations (total for approved, conditional, and not approved columns), with 16191 courses receiving a C-ID designation (87% approval rate).

Disciplines with < 10 courses in-progress or submitted	Disciplines with 11 – 20 courses in-progress or submitted	Disciplines with 21 – 40 courses in-progress or submitted	Disciplines with > 41 courses in-progress or submitted
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Discipline	# Courses	# Approved	# Submitted	# In Progress	Total Submitted & In-Progress November 28, 2016	Total Submitted & In-Progress Oct 2016	# Conditional	# Not Approved	# Not Approved COR (incorrect submission )
Accounting	238	224	0	0	0	1	8	6	0
Alternative Fuels and Advanced Transportation Technology - CCC	1	1	0	0	0	N/A	0	0	0
English	1265	1151	0	0	0	0	40	73	1
Geology	504	415	0	0	0	3	40	30	19
Journalism	443	398	0	1	1	3	25	19	0
Philosophy	439	377	0	1	1	7	28	33	0
Administration of Justice	808	706	1	0	1	2	43	40	6
Biotechnology - CCC	19	13	1	0	1	1	2	3	0

Political Science	476	446	1	0	1	1	21	6	2
Child Development	231	223	1	1	2	4	1	1	4
Economics	253	238	2	0	2	6	7	4	2
Education	76	60	2	1	3	2	10	2	0
Early Childhood Education	626	591	0	4	4	9	26	4	1
History	740	598	0	5	5	11	105	28	2
Nutrition/Dietetics	94	65	0	5	5	0	17	5	2
Psychology	798	706	0	5	5	1	66	10	5
Business	464	345	2	3	5	3	70	38	1
Communication Studies	804	711	2	3	5	6	49	7	4
Fire Technology - CCC	16	9	5	0	5	N/A	2	0	0
Computer Science	424	347	1	5	6	10	38	32	1
Physics	673	609	3	4	7	6	36	20	1
Public Health Science	62	36	5	3	8	10	17	1	0
Anthropology	470	349	6	2	8	6	93	15	0
Spanish	516	472	3	8	11	8	30	1	0
Chemistry	602	474	13	0	13	12	31	42	21
Biology	509	395	5	10	15	13	36	52	9
Emergency Medical Services - CCC	16	0	10	6	16	16	0	0	0
Music	1701	1495	1	16	17	28	120	53	16
Commercial Music - CCC	26	6	18	0	18	26	2	0	0
Kinesiology	191	149	9	10	19	15	7	11	2
Geography	625	570	7	19	26	22	9	19	1
Theatre	1323	1131	7	19	26	37	96	69	1
Sociology	760	631	10	17	27	18	42	26	2
Global Studies - AOE	29	0	12	17	29	26	0	0	0
Social Justice Studies - AOE	29	0	23	6	29	28	0	0	0
Art History	573	334	3	48	51	49	89	36	14
Agriculture	305	170	16	72	88	91	36	8	0
Mathematics	1447	871	39	70	109	79	263	106	20
Information Technology and Information Systems	216	86	64	47	111	108	9	7	2
Engineering	273	90	2	128	130	155	36	8	5
Film, Television and Electronic Media	246	28	108	97	205	198	6	4	1
Studio Arts	1177	671	38	356	394	421	45	21	8
<b>Total</b>	<b>20489</b>	<b>16191</b>	<b>421</b>	<b>989</b>	<b>1410</b>	<b>1442</b>	<b>1601</b>	<b>840</b>	<b>153</b>