

**CALIFORNIA COMMUNITY COLLEGES
CHANCELLOR'S OFFICE**

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DATE: February 11, 2009

TO: All CCC Articulation Officers

FROM: Bob Quinn, CCC Chancellor's Office Articulation & Transfer Coordinator
(on behalf of the CCC Articulation Officers Regional Representatives)

SUBJECT: Removal of California Articulation Numbers (CAN) from Catalogs

During the last several CCC Articulation Officers Regional Representatives meetings the subject of whether to continue to publish a CAN number in college catalogs has been discussed. The CCC Articulation Officers Regional Representatives recommend that references to the CAN system and the identification that courses qualified for CAN be eliminated from all college print and electronic publications.

The CAN system served the state very well for over two decades. The value and utility of this system is illuminated by numerous factors; most noticeably the extreme resistance by articulation officers to finally lay it to rest and the initial reliance on the CAN system by the CSU for their Lower Division Transfer Patterns (LDTP).

However, valid articulation requires accuracy and currency, and unfortunately the CAN system is no longer accurate or current. The CAN system was abandoned in June 2005 when the CSU withdrew its funding for CAN; and the last annual review occurred in October 2004. CAN policy required an annual review conducted by all participants to ensure the accuracy and validity of the system. Since CAN-qualified articulation has not been reviewed in over four years, the accuracy and validity of this articulation is suspect.

In the event colleges still want to publicize CAN identifications, we strongly recommend:

- 1) CAN identifications be eliminated from the catalog and ASSIST when they have expired any date-specific LDTP use. (See the spreadsheet later in this memorandum to determine expiration dates: 44 will expire F09, 14 will expire F10, and another 11 are TBA)

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- 2) CAN identifications be eliminated from the catalog and ASSIST when there have been significant course outline of record content changes that would have required review for continued CAN qualified status.

If you have any questions regarding this memorandum please contact me or your regional representative listed below for further discussion.

cc: Linda Michalowski, Student Services and Special Programs, CCC Chancellor's Office
Jeff Spano, Student Services and Special Programs, CCC Chancellor's Office
CCC Articulation Officers Regional Representatives:
Region 1: Bruce Johnston, College of the Siskiyous
Region 2: Pete Dixon, Lake Tahoe College
Region 3: Steve Pantell, Merritt College
Region 4: Yolanda Coleman, Mission College
Region 5: Greg Keen, College of the Sequoias
Region 6: Dave DeGroot, Allan Hancock College
Region 7: David Mack, Glendale College
Region 8: Kate Clark, Irvine Valley College
Region 9: Maggie Van Riper, Chaffey College
Region 10: Duane Short, Miramar College

Current and Anticipated LDTP Statewide Identifiers

LDTP Identifier	LDTP Identifier Description	CAN Identifier	CAN End Term	Statewide Pattern(s) Requiring Descriptor
TCSU AFAM 719	African-American Studies, Africana, Black Studies - Art or Humanities			African-American Studies
TCSU AFAM 729	African-American Studies, Africana, Black Studies - History or Social Sciences			African-American Studies
TCSU ANTH 110	Introduction to Biological/Physical Anthropology	CAN ANTH 2	Fall 2009	Anthropology Social Science (Teaching Track)
TCSU ANTH 120	Introduction to Sociocultural Anthropology	CAN ANTH 4	Fall 2009	Anthropology Social Work
TCSU ANTH 130	Introduction to Language and Anthropological Linguistics	CAN ANTH 8	Fall 2009	Anthropology
TCSU ANTH 150	Introduction to Archaeology	CAN ANTH 6	Fall 2009	Anthropology
TCSU ART 110	Survey of Art History from Prehistoric through Medieval Periods	CAN ART 2	Fall 2009	Art, Art History, and Graphic Design
TCSU ART 120	Survey of Art History from the Renaissance to the Present	CAN ART 4	Fall 2009	Art, Art History, and Graphic Design
TCSU ART 210	Introduction to Drawing	CAN ART 8	Fall 2009	Art, Art History, and Graphic Design
TCSU ART 230	Two-Dimensional Art Fundamentals	CAN ART 14	Fall 2009	Art, Art History, and Graphic Design
TCSU ASAM 220	History of Asian Americans			Asian American Studies
TCSU BIOL 110	Human Biology			Human Services Social Work
TCSU BIOL 150	Human Anatomy, with Lab	CAN BIOL 10	TBD	Human Services Kinesiology/Physical Education Nursing
TCSU BIOL 160	Human Physiology, with Lab	CAN BIOL 12	TBD	Kinesiology/Physical Education Nursing
TCSU BIOL 170	Principles of Microbiology, with Lab	CAN BIOL 14	TBD	Nursing
TCSU BIOL SEQ A	General Biology Sequence	CAN BIOL SEQ A	Fall 2009	Biology
TCSU BUS 110	Financial Accounting	CAN BUS 2	Fall 2009	Business Information Systems
TCSU BUS 120	Managerial Accounting	CAN BUS 4	Fall 2009	Business Information Systems
TCSU CHEM 110	General Chemistry for Science Majors I, with Lab	CAN CHEM 2	Fall 2009	Biology Civil Engineering Mechanical Engineering Geology
TCSU CHEM 120	General Chemistry for Science Majors II, with Lab	CAN CHEM 4	Fall 2009	Biology Chemistry and Biochemistry
TCSU CHEM 130	General Chemistry for Allied Health Majors, with Lab			Nursing
TCSU CHEM 140	Organic and Biochemistry for Allied Health Majors, with Lab			Nursing
TCSU CHEM 210	Survey of General, Organic, and Biological Chemistry			Nursing
TCSU CHEM SEQ A	General Chemistry for Science Majors Sequence, with Lab	CAN CHEM SEQ A	Fall 2009	Biology Chemistry and Biochemistry
TCSU CHEM SEQ B	General, Organic and Biochemistry for Allied Health Majors, with Lab	CAN CHEM SEQ B	Fall 2009	Nursing
TCSU CHIN SEQ B	Intermediate Mandarin Chinese Sequence	CAN CHIN SEQ B	Fall 2010	Chinese
TCSU CHST 719	Chicana/Chicano Studies - Humanities			Chicana/Chicano Studies
TCSU CHST 729	Chicana/Chicano Studies - Social Sciences			Chicana/Chicano Studies
TCSU CJ 110	Introduction to Criminal Justice	CAN AJ 2	Fall 2009	Criminal Justice
TCSU CJ 120	Concepts of Criminal Law	CAN AJ 4	Fall 2009	Criminal Justice
TCSU COMS 110	Public Speaking	CAN SPCH 4	Fall 2009	Speech Communication Subject Matter Preparation for Elementary Teaching
TCSU COMS 120	Argumentation	CAN SPCH 6	Fall 2009	Speech Communication
TCSU COMS 130	Interpersonal Communication	CAN SPCH 8	Fall 2009	Speech Communication
TCSU COMS 140	Small Group Communication	CAN SPCH 10	Fall 2009	Speech Communication
TCSU CSCI 110	Programming Concepts and Methodology I	CAN CSCI 22	Fall 2009	Computer Engineering Electrical Engineering, Electrical and Electronic Engineering Information Systems??
TCSU CSCI 120	Programming Concepts and Methodology II	CAN CSCI 24	Fall 2009	Computer Engineering
TCSU CSCI SEQ A	Fundamental Computer Science Concepts Sequence			Computer Science
TCSU ECON 110	Principles of Macroeconomics	CAN ECON 2	Fall 2010	Business Economics Social Work
TCSU ECON 120	Principles of Microeconomics	CAN ECON 4	Fall 2010	Business Economics Information Systems Mechanical Engineering
TCSU EDU 110	Introduction to Education			Subject Matter Preparation for Elementary Teaching
TCSU ENG 710	English Composition - Course beyond CSU GE Breadth AREA 2			Human Services
TCSU ENGR 110	Engineering Materials	CAN ENGR 4	TBD	Mechanical Engineering
TCSU ENGR 120	Circuits, with Lab	CAN ENGR 6	Fall 2010	Computer Engineering Electrical Engineering, Electrical and Electronic Engineering Mechanical Engineering
TCSU ENGR 130	Vector Statics	CAN ENGR 8	TBD	Civil Engineering Mechanical Engineering
TCSU ENGR 140	Surveying, with Lab	CAN ENGR 10	TBD	Civil Engineering
TCSU ENGR 150	Circuits	CAN ENGR 12	Fall 2010	Computer Engineering Mechanical Engineering
TCSU ENGR 170	Graphics with CAD			Civil Engineering
TCSU ESM 119	Survey of Chemistry and Physics			Subject Matter Preparation for Elementary Teaching
TCSU ESM 129	Survey of Earth and Space Science			Subject Matter Preparation for Elementary Teaching

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TCSU ESM 749	Introduction to Biology Guideline			Subject Matter Preparation for Elementary Teaching
TCSU ESM 769	Science Laboratory Guideline			Subject Matter Preparation for Elementary Teaching
TCSU ESM 719	Visual or Performing Arts Guideline			Subject Matter Preparation for Elementary Teaching
TCSU ESM 739	Survey of Literature Guideline			Subject Matter Preparation for Elementary Teaching
TCSU ESM 759	World Geography Guideline			Subject Matter Preparation for Elementary Teaching
TCSU ETHN 110	Introduction to Ethnic Studies			Native American Studies
TCSU FDEV 110	Child, Family, and Society	CAN FCS 24	Fall 2010	Social Work
TCSU FDEV 120	Child and Adolescent Development	CAN FCS 14	Fall 2010	Subject Matter Preparation for Elementary Teaching
TCSU FREN SEQ B	Intermediate French Sequence	CAN FREN SEQ B	Fall 2010	French
TCSU GEOG 110	Introduction to Physical Geography	CAN GEOG 2	Fall 2009	Geography Social Science (Teaching Track)
TCSU GEOG 120	Introduction to Physical Geography, with Lab	CAN GEOG 6	Fall 2009	Geography Social Science (Teaching Track)
TCSU GEOG 130	Introduction to Human Geography	CAN GEOG 4	Fall 2009	Geography
TCSU GEOL 120	Physical Geology/Introductory Geology, with lab	CAN GEOL 2	TBD	Geology Social Science
TCSU GEOL 720	Geology of California			Social Science
TCSU GERM 210	Intermediate German I			German
TCSU GERM 220	Intermediate German II			German
TCSU HIST 130	United States History to 1877	CAN HIST 8	Fall 2010	History Social Science (Teaching Track) Subject Matter Preparation for Elementary Teaching
TCSU HIST 140	United States History from 1877	CAN HIST 10	Fall 2010	History Social Science (Teaching Track)
TCSU HIST 150	World History to 1500	CAN HIST 14	Fall 2010	Social Science (Teaching Track) Subject Matter Preparation for Elementary Teaching
TCSU HIST 160	World History from 1500	CAN HIST 16	Fall 2010	Social Science (Teaching Track)
TCSU IS 110	Introduction to Programming Concepts			Information Systems
TCSU IS 120	Business Information Systems	CAN BUS 6	Fall 2009	Business
TCSU JAPN SEQ A	Elementary Japanese Sequence	CAN JAPN SEQ A	Fall 2010	Japanese
TCSU MATH 120	Mathematical Concepts for Elementary School Teachers - Number Systems	CAN MATH 4	Fall 2010	Subject Matter Preparation for Elementary Teaching
TCSU MATH 210	Single Variable Calculus I	CAN MATH 18	Fall 2009	Biology Chemistry and Biochemistry Civil Engineering Computer Engineering Computer Science Electrical Engineering, Electrical and Electronic Engineering Geology Mathematics Mechanical Engineering
TCSU MATH 220	Single Variable Calculus II	CAN MATH 20	Fall 2009	Civil Engineering Computer Engineering Computer Science Electrical Engineering, Electrical and Electronic Engineering Mathematics Mechanical Engineering
TCSU MATH 230	Multivariable Calculus	CAN MATH 22	Fall 2009	Electrical Engineering, Electrical and Electronic Engineering Mathematics
TCSU MATH 240	Ordinary Differential Equations	CAN MATH 24	Fall 2009	Civil Engineering Mechanical Engineering
TCSU MATH 250	Introduction to Linear Algebra	CAN MATH 26	Fall 2009	Civil Engineering Mechanical Engineering
TCSU MATH 260	Differential Equations and Linear Algebra			Civil Engineering Mechanical Engineering
TCSU MATH 270	Calculus with Life Science Applications	CAN MATH 30	Fall 2009	Biology
TCSU MATH SEQ A	Single Variable Calculus Sequence	CAN MATH SEQ B	Fall 2009	Civil Engineering Computer Engineering Computer Science Electrical Engineering, Electrical and Electronic Engineering Mechanical Engineering
TCSU MUS 130	Music Theory I			Music
TCSU MUS 140	Music Theory II			Music
TCSU MUS 160	Musicianship I			Music
TCSU MUS 170	Musicianship II			Music
TCSU MUS 210	Class Piano I			Music
TCSU MUS 220	Class Piano II			Music
TCSU MUS 350	Studio Lessons I			Music
TCSU MUS 360	Studio Lessons II			Music
TCSU MUS 410	Large Ensemble			Music
TCSU NAS 709	Introduction to Native American Studies			Native American Studies
TCSU NAS 729	Native American History			Native American Studies
TCSU NUTR 110	Nutrition	CAN FCS 2	Fall 2009	Family and Consumer Sciences

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TCSU NUTR 120	Principles of Foods, with Lab	CAN FCS 8	Fall 2009	Family and Consumer Sciences
TCSU PHIL 120	Introduction to Ethics	CAN PHIL 4	Fall 2009	Social Work
TCSU PHYS 110	Physics - Calculus Based I	CAN PHYS 8	TBD	Civil Engineering Chemistry and Biochemistry Computer Engineering Computer Science Electrical Engineering, Electrical and Electronic Engineering Mechanical Engineering
TCSU PHYS 120	Physics - Calculus Based II	CAN PHYS 12	TBD	Civil Engineering Computer Engineering Computer Science Electrical Engineering, Electrical and Electronic Engineering Mechanical Engineering
TCSU PHYS 150	Physics - Algebra and Trigonometry Based	CAN PHYS 2	TBD	Chemistry and Biochemistry
TCSU POLS 110	United States Government	CAN GOVT 2	Fall 2009	Political Science Public Administration Social Science (Teaching Track) Subject Matter Preparation for Elementary Teaching
TCSU PSY 110	Introductory Psychology	CAN PSY 2	Fall 2009	Human Services Psychology Social Work
TCSU RTV 110	Introduction to Electronic Media			RadioTelevisionFilm
TCSU RTV 120	Introduction to Audio Production			RadioTelevisionFilm
TCSU SOC 110	Introduction to Sociology	CAN SOC 2	Fall 2009	Human Services Social Work Sociology
TCSU SOC 120	Introduction to Social Problems	CAN SOC 4	Fall 2009	Sociology
TCSU SPAN 130	Intermediate Spanish I	CAN SPAN 8	Fall 2009	Spanish
TCSU SPAN 140	Intermediate Spanish II	CAN SPAN 10	Fall 2009	Spanish
TCSU SPAN SEQ B	Intermediate Spanish Sequence	CAN SPAN SEQ B	Fall 2009	Spanish
TCSU STAT 110	Introductory to Statistics for General, Business, and Social Science	CAN STAT 2	TBD	Nursing Social Work Political Science
TCSU STAT 115	Introductory to Statistics for General, Business, and Social Science - Psychology	CAN PSY 6	TBD	Nursing Psychology Social Work Political Science
TCSU SW 110	Introduction to Social Work and Social Welfare			Social Work

Anticipated Statewide Descriptors

New Statewide Descriptor available for Spring 2009 LDTP Cycle