

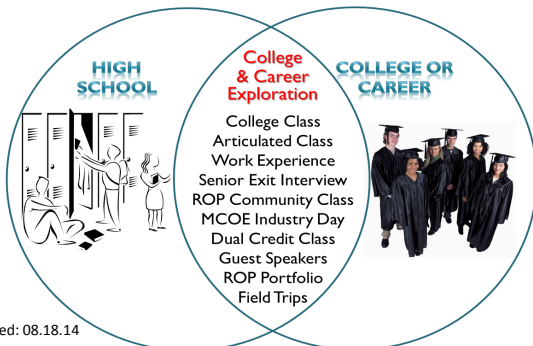
POS Key Elements

- ◆ Integrated core academic curriculum
- ◆ Integrated course technical curriculum
- ◆ Project and work-based learning
- ◆ Student support services

MUHSD Articulated Courses

* Ag Leadership & Tech	* Foundations in Education
* Auto Mechanics I & II	* Graphic Arts
* Accounting I & II	* Health & Family Living
* Ag Welding Tech I & II	* Horticulture
* Anatomy & Physiology	* Internships in Agriculture
* Adv Architectural Design	* Marketing—Advanced
* Art of Digital Photography	* Marketing Foundations
* Automotive Services	* Marketing Foundations/Community Classroom
* Beginning Drafting	* Medical Occupations
* Careers with Infants and Toddlers	* Metal Shop I, II, III, IV
* Child Development	* Photography I & II
* Computer Applications I	* Principals of Engineering
* Computer Graphics I & II	* Programing I & II
* Culinary Arts I & II	* Small Engines/Power Equipment
* Environmental Horticulture	* Small Engines—Advanced
* Equip Construction I & II	* Theater Arts I & II
	* Virtual Enterprise

Creating a Path to the Future



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Examples of Career Sectors & Pathways Promoted Through CTE Articulation

The State of California has identified 15 Industry Sectors. Each sector contains multiple Career Pathways that are grouped into functions that have a common purpose. Articulation of courses between Merced College and MUHSD has been identified in the following Sectors and Pathways.



Agriculture and Natural Resources

Agricultural Business
Agricultural Mechanics
Ornamental Horticulture



Arts, Media Entertainment

Design, Visual & Media Arts
Performing Arts



Education, Child Development, Family Services

Child Development
Education



Engineering & Architecture

Architectural Design
Engineering Design



Finance and Business

Accounting Services



Hospitality, Tourism, and Recreation

Food Science, Dietetics & Nutrition
Food Service & Hospitality



Health Science and Medical Technology

Therapeutic Services



Information & Communication Technologies

Information Support & Services
Software & Systems Development



Manufacturing and Product Development

Welding Technology



Marketing Sales and Services

Professional Sales



Transportation

Systems Diagnostics and Service

MERCED COMMUNITY COLLEGE &
MERCED UNION HIGH
SCHOOL DISTRICT

Career Technical Education Articulation



Merced Community College Dean of CTE:
Jim Andersen
Andersen.j@mccd.edu

Articulation Support:
Michele Fagundes
mfagunde@mcoe.org

MUHSD Assistant Superintendent:
Tammie Calzadillas, Ed.D.
tcalzadillas@muhsd.org



MERCED COUNTY OFFICE OF EDUCATION
Sharon K. Daines, Ed.D., County Superintendent of Schools

What is Career Technical Education Articulation or 2+2?

It's a process of bridging high school students to Merced Community College. The program gives high school students the opportunity to earn college units by taking high school classes in which a formal articulation agreement with a course at Merced College has been developed. Articulation means coursework taken by students in high school or ROP is recognized and approved by the postsecondary institution (Merced College). A course could also transfer on to a CSU or UC = (2+2+2). Students must pass the designated exam called ACE (Articulated Course Exam) to receive the college units.

What are the Benefits of Articulation?

- ◆ Simplifies student's registration process once they have earned college units
- ◆ Saves students time and money! No enrolling in the class and no paying for units, health fee, or textbook.
- ◆ Students gain confidence in their ability to do college work.
- ◆ Reduces duplication of coursework a student has already mastered.

How are courses chosen ?

High school and ROP courses are selected that currently are part of a pathway. The course is usually a foundation class that articulates into a Program of Study (major) at the college.

How does a course become eligible?

The high school teacher provides curriculum for review by the college instructor. If there is a match, the college teacher will create the final assessment/testing process—this is known as *ACE-Articulated Course Exam*.

Are all assessments the same?

No, there are a variety of methods that college teachers will select based on their determination of the most appropriate method to measure mastery of the course. Some examples include:

- 1) Objective test
- 2) Interview
- 3) Portfolio
- 4) Demonstration

Is there a fee?

The fee is \$50.00 rather than a per unit fee (currently \$46.00/unit). Articulated courses can save a significant amount of money as demonstrated by the example below.

Associated Fees	Merced College	CSU Average	ACE Course
Book	\$120	\$150	\$0
Tuition	\$138 (\$46/unit)	\$1731 (0-6 units)	\$0
Transcripts	\$5	\$4	\$0
Parking Permit	\$20	\$67	\$0
Student Body	\$10	\$46	\$0
Health Fee	\$17	\$133	\$0
ACE	\$0	\$0	\$50
<i>Total:</i>	\$310	\$2131	\$50

How much money can students and families save?

By taking advantage of an articulated course opportunity of 3 units (prior page), **\$310** would be saved at Merced College and on average **\$2081** at a CSU! Checkout specific fees for CSU Fresno and Stanislaus at the links below.

- ◆ <http://www.fresnostate.edu/accountingservices/documents/FA12TuitionandOtherFeeDescription.pdf>
- ◆ <http://www.csustan.edu/TuitionCosts/documents/Fees-Fall2012.pdf>

How do student get the credit?

Students must have a minimum of B in their class. Once this is confirmed, they request to take the ACE-Articulated Course Exam through their high school teacher. When the student passes the exam, the college teacher will finalize the process through the college records/admission division, and students will receive notification in the mail of their grade. At that point students can request a transcript.

How does articulation fit into a Program of Studies (POS)?

- ◆ A Program of Study is a multi-year sequence of academic and technical courses that provides students with a structured progression of secondary and post-secondary instruction toward a specified career area.
- ◆ By incorporating academic and technical content into a logical sequence with clear connections and minimal repetition, Programs of Study set a clear path of career technical coursework from high school through college to a rewarding career.