



Mission Trails ROP

State Funded
Course Sequencing Plan
Presentation

AB 2448

Effective January 1, 2007

- Reduction of allowable adult ADA to 10% of total ROP ADA by 2010-11
- Removal of the 3% cap on enrollment of students under the age of 16
- Development of CTE course sequences in 90% of the sectors for which both the ROP and local community college offer courses in
- Modification of the Advisory Committee format to an Employee Advisory Board format
- Stipulation that ROP reserve funds are used solely for ROP purposes

Progress in Compliance

- Adult ADA for 2008-09: 23%
 - down from 27% in 2006-07 and 25% in 2007-08
- Enrollment of under age 16 students: 631
 - Increase from 84 students in 2007-08
- Course Sequencing: 93% of courses sequenced with Hartnell and/or MPC
- Use of ROCP funds: In-service with District Coordinators and CBOs
- Employee Advisory Boards: Use of expanded agenda
 - Awaiting change to Employee Advisory Committee format

Course Sequencing Plan

- Educational Code Section 52302 (b) (1) On or before July 1, 2008 (due to CDE no later than June 30, 2009) all governing boards of Regional Occupational Centers of Programs (ROCP) are required to develop a plan for establishing sequences of state-funded courses, in which both the ROCP and community college offer instruction.
- Furthermore, AB 2448 stipulated that 90% of a ROCP's courses must be sequenced with one or more area community colleges in pathways in which both offer courses.
- Plan to Sequence
 - Submitted to CDE August 22, 2008

Describe Steps to be Taken

- Mission Trails Regional Occupational Program Director Randy Bangs met with Monterey Peninsula College Tech Prep Coordinator and Interim Associate Vice President for Occupational Education
 - Course inventories for MTROP and each of the colleges were completed
 - Each MTROP course was matched with applicable community college courses and programs to determine if a sequence existed.
- A course sequence is a series of two or more courses (one ROP course and one Community College course) which link to provide a course of study as defined by the Carl Perkins Act for Vocational Education.

Required Indicators

- The Course Sequence Table includes detailed information on each required indicator
- Of the courses which are sequenced with one or both community colleges
 - 76.8% lead to a skill certificate
 - 58.1% lead to high growth/high demand jobs or increase in wages
 - 10.8% meet UC “A-G” requirements.

Timeline for accomplishing the sequencing of courses

- September 1 - December 31, 2008: The MTROP director worked with community college representatives to inventory ROP courses, inventory Hartnell College and Monterey Peninsula C Courses and determine common pathways.
- January 2008-March 31, 2009: The MTROP director worked with community college representatives to develop draft sequencing documents.
- The draft course sequence list was reviewed by the MTROP District Coordinators to assure accuracy verify sequences existed. This list was finalized in March 2009.

Use of State & Federal Resources

- How funds will be used to maximize opportunities for High School Students
 - CalWORKS (California Work Opportunities and Responsibility to Kids) provides funding to provide career technical education to low income adults
 - Carl Perkins Vocational Education Act (VEA) provides federal funds to supplement and enhance career technical education at school sites for secondary students and at ROCPs for adults
 - SB 70 provides grant opportunities to build partnerships between community colleges and ROCPs

Use of State & Federal Resources

- Career Technical Education Community Collaborative Grant in partnership with Mission Trails ROP to support course articulation, teacher externships, professional development and exploratory career technical education for middle school students
- Tech Prep funds, received by community colleges, support efforts to build formalized career pathways between high schools/ROCPs and community colleges.

Strategies to fill in the gaps

- District Coordinators who meet regularly will confer with the community college tech prep coordinators
 - (A) if there is a need to sequence courses in any pathways which are not sequenced and
 - (B) if so, revise existing courses or develop new courses to enable sequencing to occur.
- In addition, advisory committees for both the community colleges and district ROP courses will provide input and advice on the need for sequencing in specific pathways.

Local Governing Board Review

<u>District</u>	<u>Date</u>
Carmel	4/14/09
Gonzales	4/21/09
King City	4/22/09
Monterey	5/4/09
North Monterey County	5/7/09
Pacific Grove	5/14/09
Salinas	4/28/09
Soledad	5/13/09

Community College Board - Public Hearing MTROP JPA Executive Board Approval

Community Colleges

- Hartnell Board Meeting: May 5, 2009
- MPC Board Meeting: May 19, 2009

Mission Trails ROP

- June 17, 2009

Final Steps

- Provide CSP to Community Colleges
- Submit CSP to CDE

Mission Trails Regional Occupational Program



State Funded Course Sequencing Plan

Narrative

Educational Code Section 52302 (b) (1) On or before July 1, 2008 (due to CDE no later than June 30, 2009) all governing boards of Regional Occupational Centers of Programs (ROCP) are required to develop a plan for establishing sequences of state-funded courses, in which both the ROCP and community college offer instruction. Furthermore, AB 2448 stipulated that 90% of a ROCP's courses must be sequenced with one or more area community colleges in pathways in which both offer courses.

1. Describe the steps that will be taken to identify state funded courses offered by the Regional Occupational Center or Program, in pathways in which the ROCP and community college both offer instruction. E.C. 52302 (b) (1).

The Mission Trails Regional Occupational Program Director Randy Bangs met a minimum of three times each with Monterey Peninsula College Tech Prep Coordinator Mary Nelson and Interim Associate Vice President for Occupational Education Esteban Soriano between November 2008 and January 2009. At these meetings course inventories for MTROP and each of the colleges was completed. Subsequently, each MTROP course was matched with applicable community college courses and programs to determine if a sequence existed. A course sequence is a series of two or more courses (one ROP course and one Community College course) which link to provide a course of study as defined by the Carl Perkins Act for Vocational Education.

Following the sequencing process with community colleges, the draft course sequence list was reviewed by the MTROP District Coordinators to assure accuracy and verify sequences existed. This list was finalized in March 2009.

2. Include in the plan information on how items listed in E.C. 52302 (z) (1) (2) (3) (4) will be addressed. *Note: It is recognized that not all courses will meet the requirements listed in E.C. 52302 (a) (1) (2) (3) (4).* (Sequence addresses/provides Skill certificates, Prerequisite courses, Occupations/High Wage entry Jobs/Significant increase in wages, and UC "A-G" Approved courses).

The Course Sequence Table includes detailed information on each indicator listed above. Of the courses which are sequenced with one or both community colleges, 76.8% lead to a skill certificate, 58.1% lead to high growth/high demand jobs or increase in wages and 10.8% meet UC "A-G" requirements.

3. Provide a timeline for accomplishing the sequencing of courses.

A timeline for completing and submitting the State Funded Course Sequence Plan was established in August 2008.

September 1 - December 31, 2008: The MTROP director worked with community college representatives to inventory ROP courses, inventory Hartnell College and Monterey Peninsula C Courses and determine common pathways.

January 2008-March 31, 2009: The MTROP director worked with community college representatives to develop draft sequencing documents. The draft course sequence list was reviewed by the MTROP District Coordinators to assure accuracy verify sequences existed. This list was finalized in March 2009.

4. Describe how the plan maximizes local, state and federal resources to help high school students enter employment, apprenticeships or postsecondary education. E.C. 52302 (b) (5)

The course sequencing plan is aimed at maximizing the number of students enrolling MTROP and community college classes and providing career technical education training in as many industry sectors as possible. There are several funding resources which enhance this effort. CalWORKS (California Work Opportunities and Responsibility to Kids) provides funding to provide career technical education to low income adults. Carl Perkins Vocational Education Act (VEA) provides federal funds to supplement and enhance career technical education at school sites for secondary students and at ROCPs for adults. The state SB 70 provides grant opportunities to build partnerships between community colleges and ROCPs. Hartnell College is currently operating a Career Technical Education Community Collaborative Grant in partnership with Mission Trails ROP to support course articulation, teacher externships, professional development and exploratory career technical education for middle school students. Tech Prep funds, received by community colleges, support efforts to build formalized career sequences between high schools/ROCPs and community colleges. Hartnell College and Monterey Peninsula College both receive Tech Prep funding. The impact of each of these initiatives is that students identify a career pathway and pursue secondary and postsecondary education and training to enable them to access a career in the area of their interest.

5. Describe strategies which will be used to fill in the gaps in courses identified through the planning process. E.C. 52302 (b) (6)

There a minimal number of ROCP courses which do not sequence with either community college. District Coordinators who meet regularly will confer with the community college tech prep coordinators, who also attend the meetings, to determine (A) if there is a need to sequence courses in any pathways which are not sequenced and (B) if so, revise existing courses are develop new courses to enable sequencing to occur. In addition, advisory committees for both the community colleges and district ROP courses will provide input and advice on the need for sequencing in specific pathways.

6. List each school district governing board and the date in which the plan was presented in public hearing*. A copy of the minutes from each board meeting should be maintained by the ROPC. E.C. 52302 (b) (2)

The following dates have been scheduled for presentations to local district governing boards:

<u>District</u>	<u>Date</u>
Carmel	4/14/09
Gonzales	4/21/09
King City	5/13/09
Monterey	5/4/09
North Monterey County	5/7/09
Pacific Grove	5/14/09
Salinas	6/10/09
Soledad	5/13/09

7. Provide the date in which the plan was presented in public hearing* and approved by the ROCP governing board. E.C. 52302 (b) (2)

The Course Sequencing Plan will be presented in public hearing at the Mission Trails JPA Executive Board on June 17, 2009

8. Provide the name of the community college(s) and the date in which the plan was reviewed in public session*. E.C. 52302 (b) (3)

The Course Sequencing Plan will be presented in public hearing at the community colleges as follows:

- Hartnell Board Meeting: June 2, 2009
- MPC Board Meeting: May 19, 2009

9. A copy of this document is to be given to the appropriate community college or colleges in the region. E.C. 52302 (b) (7)

A final copy of the Course Sequencing document will be provided to the presidents of each community college, each local district superintendent and the California Department of education by June 30, 2009.

Course Sequence Table

Y=Yes N=No N/A = Not Available P=Program AA=Associate of Art Degree AS= Associate of Science Degree F, G=UC Admission Requirements

<u>CDE #</u>	<u>ROCP #</u>	<u>Title</u>	<u>Industry Sector</u>	<u>Skill Certificate</u>	<u>High Wage/ Growth</u>	<u>UC A-G Requirement Met</u>	<u>Hartnell College</u>	<u>Monterey Peninsula College</u>	<u>Status/ Sequence</u>
822	250-05 & 74054	Agriculture Business Occupations	Agriculture & Natural Resources	Y	Y		Y	N/A	Sequence
1569	567-05 and 74054	Animal Care	Agriculture & Natural Resources	N	N		Y	N/A	Sequence
459	767-05	Animal Care Services	Agriculture & Natural Resources	N	N		Y	N/A	Inactive
817	252-05 and 74054	Floristry	Agriculture & Natural Resources	Y	N		N/A	P	Sequence
2105	707-03 and 74054	Forklift Training	Agriculture & Natural Resources	Y	Y		N/A	N/A	No Sequence
460	765-05	Natural Resources	Agriculture & Natural Resources	Y	N		N/A	P	Sequence
978	809-05	Ornamental Horticulture	Agriculture & Natural Resources		N		N/A	Y	Sequence
2032	714-03 and 74054	Tractor Maintenance	Agriculture & Natural Resources	Y	Y		Y	N/A	Sequence
950	558-05	Veterinary Science	Agriculture & Natural Resources	N	Y	G	Y	N/A	Sequence
2642	031-06	Advanced Photography	Arts, Media & Entertainment	Y	N	F,G	F, G	Y	Sequence
2644	032-06	Beginning Photography	Arts, Media & Entertainment	Y	N		N/A	Y	Sequence
985	0013	Media Production Careers	Arts, Media & Entertainment	Y	Y		N/A	Y	Sequence
6017	1234	Music Technology	Arts, Media & Entertainment	Y	N		N/A	N/A	No Sequence

CDE #	ROCP #	Title	Industry Sector	Skill Certificate	High Wage/Growth	UC A-G Requirement Met	Hartnell College	Monterey Peninsula College	Status/Sequence
2100	708-03 and 74054	Professional Actor's Training Program	Arts, Media & Entertainment	Y	N	F,G	F, G	AA	Sequence
1133	125-04 and 74054	Professional Dancers Training Program	Arts, Media & Entertainment	Y	N	F, G	Y	AA	Sequence
427	810-5	Technical Writing Occupations	Arts, Media & Entertainment		N		N/A	N	Sequence
4014	081-01 and 74054	Web Design	Arts, Media & Entertainment	Y	Y		Y	Y	<i>Will be inactive</i>
1457	369-05 and 74054	Web Page Design	Arts, Media & Entertainment	Y	Y		Y	Y	Sequence
951	559-05	Construction Technology	Building Trades & Construction	Y	Y		Y	N/A	Sequence
2027	717-03 and 74054	Mill Cabinet	Building Trades & Construction	Y	Y		Y	N/A	Sequence
952	560-05	Careers Working with Children Co-op	Education, Child Development & Family Services		N		Y	AS	Sequence
956	356-05	Cosmetology	Education, Child Development & Family Services	Y	N		N/A	N	Sequence
1456	370-05 and 74054	Occupations with Children	Education, Child Development & Family Services	Y	N		Y	AS	Sequence
4174	107-99 and 74054	Teaching Assistant/Instructional Aide	Education, Child Development & Family Services		N		Y	N/A	Inactive
2083	711-03 and 74054	Checker Cashier	Education, Child Development & Family Services	Y	N		N/A	P	Sequence

CDE #	ROCP #	Title	Industry Sector	Skill Certificate	High Wage/Growth	UC A-G Requirement Met	Hartnell College	Monterey Peninsula College	Status/Sequence
4727	2007-011	Customer Service Occupations	Education, Child Development & Family Services	N/Y	Y		Y	Y	Sequence
2290	422-03 and 74054	Computer Maintenance/Repair	Engineering & Design	Y	Y		Y	P	Sequence
1454	372-05	Network Cable Technology 3 and 4	Engineering & Design	Y	Y		Y	Y	<i>Will be inactive</i>
1455	371-05	Networking Cable Technology 1 and 2	Engineering & Design	Y	Y		Y	Y	<i>Will be inactive</i>
4719	07-10	Robotics Engineering	Engineering & Design	N	N		N/A	Y	Sequence
3817	2007-002	Designer Occupations	Fashion & Interior Design				N/A	N/A	No Sequence
980	764-05	Fashion Design I	Fashion & Interior Design	N	N	F,G	N/A	AS	Sequence
979	763-05	Fashion Design II	Fashion & Interior Design	N	N	F,G	N/A	AS	Sequence
981	766-05	Fashion Merchandising	Fashion & Interior Design	Y	N		N/A	AS	Sequence
426	811-05	Interior Design	Fashion & Interior Design	Y	N		N/A	AA	Sequence
2080	713-03 and 74054	Banking Careers	Finance & Business	Y	Y		AS	N/A	Sequence
3886	2007-003	Certified Nursing Assistant	Health Science & Medical Technology	N	Y		Y	AA	Sequence
828	248-05 & 74054	Dental Careers	Health Science & Medical Technology	Y	Y		N/A	AS	Sequence
825	249-05 and 74054	Dental X-Ray	Health Science & Medical Technology	Y	Y		N/A	AS	Sequence

CDE #	ROCP #	Title	Industry Sector	Skill Certificate	High Wage/Growth	UC A-G Requirement Met	Hartnell College	Monterey Peninsula College	Status/Sequence
993	195-04 and 74054	Emergency Medical Technician I	Health Science & Medical Technology	Y	N		N/A	P	Sequence
	<i>Pending Certification</i>	First Responder	Health Science & Medical Technology	Y	N		P	AS	Sequence
2291	421-03 and 74054	Health Occupations	Health Science & Medical Technology	N	Y		Y	AS	Sequence
2821	568-05 and 74054	Health Unit Coord./Specialist-Office	Health Science & Medical Technology	Y	Y		N/A N/A	AS	Sequence
1017	569-05	Health Unit Coordinator/Specialist (Medical Office)	Health Science & Medical Technology						
5971	4234	Introduction to Dental Assisting	Health Science & Medical Technology	Y	Y		N/A	AS	Sequence
3925	4226	Medical Assisting	Health Science & Medical Technology	N	Y		Y	AS	Sequence
953	711-05	Medical/Dental Clerical Administrative ...	Health Science & Medical Technology	Y	Y		N/A	AS	Sequence
2082	712-03 and 74054	Physical Therapy Aide	Health Science & Medical Technology				N/A	N/A	No Sequence
2029	715-03 and 74054	Registered Dental Assistant CO-OP	Health Science & Medical Technology	Y	Y		N/A	AS	Sequence
461	762-05	Sports Medicine	Health Science & Medical Technology	Y	N	G	N/A	AA	Sequence
5624	0099	Sports Related Occupations	Health Science & Medical Technology			G	P	N/A	Sequence
3895	4280	Vocational Nursing	Health Science & Medical Technology	Y	Y		AS	AS	Sequence
5272	0743	Careers in Culinary Arts, Nutrition & Hospitality	Hospitality, Tourism & Recreation	N/Y	Y		N/A	AS	Sequence
983	000011	Catering - Year 1	Hospitality, Tourism & Recreation	Y	N		N/A	AS	Sequence

CDE #	ROCP #	Title	Industry Sector	Skill Certificate	High Wage/Growth	UC A-G Requirement Met	Hartnell College	Monterey Peninsula College	Status/Sequence
984	00012	Catering - Year II	Hospitality, Tourism & Recreation	Y	N		N/A	AS	Sequence
5609	4441	Recreation Leadership	Hospitality, Tourism & Recreation				N/A	N/A	<i>Will be inactive</i>
5733	06-027	Restaurant Advanced Culinary Arts	Hospitality, Tourism & Recreation	Y	Y		N/A	AS	Sequence
3926	4106	Restaurant Management	Hospitality, Tourism & Recreation	Y	Y		N/A	AS	Sequence
2097	709-03 and 74054	Restaurant Sales	Hospitality, Tourism & Recreation	Y	Y		N/A	AS	Sequence
2094	710-03 AND 74054	Restaurant Sales Co-Op	Hospitality, Tourism & Recreation	Y	Y		N/A	AS	Sequence
		Hospitality	Hospitality, Tourism & Recreation	Y	Y		N/A	AS	Sequence
954	712-05	Business Communications	Information Technology				Y		<i>Will be Inactive</i>
580	246-05	Computer Business Applications-Level I ...	Information Technology	Y	Y		AS	Y	Sequence
977	570-05	Internet and Database Programming	Information Technology	N	Y		Y	Y	Inactive
3027	200-02 and 74054	Internetworking: Levels 3 & 4	Information Technology	Y	Y		Y	N/A	Inactive
957	367-05	Office Careers	Information Technology	Y	Y		AS	Y	Sequence
6063	0712	Office Careers Co-op	Information Technology	Y	Y		AS	Y	Sequence
2649	154-03 and 74054	Spanish for Office Careers	Information Technology	Y	Y		AS	Y	Sequence
982	001	Telecommunications	Information Technology				N/A	N/A	Inactive
425	841-05	Industrial Drafting	Manufacturing & Product Development	Y	Y		Y	P	Sequence

CDE #	ROCP #	Title	Industry Sector	Skill Certificate	High Wage/Growth	UC A-G Requirement Met	Hartnell College	Monterey Peninsula College	Status/Sequence
2028	716-03 and 74054	Industrial Welding/Metal Fabrication	Manufacturing & Product Development	Y	Y		Y	N/A	Sequence
	<i>Pending Certification</i>	Graphic Design	Manufacturing & Product Development	Y	Y	G	AA	AA	Sequence
2292	419-03 and 74054	Retail Sales	Marketing, Sales & Service	N	Y		Y	AS	Sequence
4838	2007-12	Retail Sales (Spanish)	Marketing, Sales & Service	N	Y		Y	AS	Sequence
1458	368-05 and 74054	Retail Sales CO-OP	Marketing, Sales & Service	N	Y		Y	AS	Sequence
3898	04-010-84	Virtual Enterprise	Marketing, Sales & Service	N	Y		Y	N/A	<i>Will be inactive</i>
	<i>Pending Certification</i>	Small Business Management	Marketing, Sales & Service	N	Y		Y	AS	Sequence
5742	07-001	Fire Science and Technology	Public Services	Y	Y		N/A	AS	Sequence
3530	2007-001	First Responder	Public Services	Y	N		P	AS	Sequence
1031	508-06	Forensic Science/Crime Scene Investigation	Public Services	Y	N		AS	AS	Sequence
424	842-05	Introduction to Firefighter and Police	Public Services	N	Y		N/A	AS	Sequence
5414	1115	Introduction to Law Enforcement	Public Services	Y	Y		AS	Y	Sequence
1033	509-06	Administration of Justice	Public Services	Y	Y		AS	AS	Sequence
3954	2007-05	Legal Office Occupations	Public Services				N/A	N/A	Inactive
2284	425-03 and 74054	Auto Service	Transportation	Y	Y		AS	N/A	Sequence
1018	571-05	Automobile Body and Fender	Transportation	Y	N		AS	N/A	Sequence

<u>CDE #</u>	<u>ROCP #</u>	<u>Title</u>	<u>Industry Sector</u>	<u>Skill Certificate</u>	<u>High Wage/Growth</u>	<u>UC A-G Requirement Met</u>	<u>Hartnell College</u>	<u>Monterey Peninsula College</u>	<u>Status/Sequence</u>
1026	572-05	Automobile Body and Fender Co-op	Transportation	Y	N		AS	N/A	<i>Will be Inactive</i>
955	354-05	Upholstering/Automotive	Transportation				N/A	N/A	No Sequence

A. Total Active/Pending ROP Courses Sequenced with Community Colleges:	69	
B. Total Active/Pending ROP Courses Not Sequenced with Community Colleges:	5	
C. Total Active/Pending ROP Courses:	74	(A+B)
D. Percentage of Active/Pending ROP Courses Sequenced with Community Colleges:	93.2%	(A/C)
E. Inactive courses not counted:	13	
F. Total ROP Courses Active/Inactive/Pending	87	(C+E)