Regional Occupational Program (ROP)

Palomar College, under contract with the San Diego County Office of Education, offers vocational and technical training through the Regional Occupational Program.

Courses provided through ROP are available to college and high school students, out-of-school youths, and adults residing in San Diego County. Courses can be used for basic job skills, upgrading of existing skills, or changing occupations. Units earned may be used for high school or college credit. ROP courses taken for college credit may be applied toward Palomar College Certificates/Degrees.

Contact the ROP Office for further information.
(760) 744-1150, ext. 2293
Office: AA-136

Automotive Technology (R AT)

Associate in Arts Degrees -
AA Degree requirements are listed in Section 6 (green pages).
• Auto Collision Repair

Certificate of Achievement -
Certificate of Achievement requirements are listed in Section 6 (green pages).
• Auto Collision Repair

PROGRAM OF STUDY

Auto Collision Repair

This program will prepare students for an entry level position in the automotive collision repair industry.

A.A. DEGREE MAJOR OR CERTIFICATE OF ACHIEVEMENT

Program Requirements

R AT 50	Auto Body Repair I	4
R AT 51	Auto Body Repair II	4
R AT 55	Auto Refinishing I	4
R AT 56	Auto Refinishing II	4
IT 108 / WELD 108	Technical Mathematics	3

Elective Courses (Select 6 units)

AT 100	Auto Maintenance and Minor Repair	3
AT 105	Automotive Electricity	3
AT 105L	Automotive Electricity Computer Training Lab	1
AT 150	Chassis Restoration and Assembly	3
AT 155	Body Restoration and Assembly	3
AT/R AT 97	Auto Body Repair/Auto Refinishing Topics	0.5 - 4
WELD 100	Welding I	3
CE 100	Cooperative Education	1 - 4
Total units		**25**

Auto Collision Repair A.A. Degree or Certificate of Achievement is also listed under Automotive Technology.

COURSE OFFERINGS

Courses taken for college credit may be applied toward a certificate or an Associate in Arts degree.

Courses numbered under 100 are not intended for transfer credit.

R AT 50   Auto Body Repair I   (4)
8 hours lecture/laboratory
Note: Graded only; may be taken 3 times
Automotive body work with emphasis on repair. Includes welding; working with small damage points; restoring contour of body panels and sections; and realigning bumpers, fenders, doors, and hoods.

R AT 51   Auto Body Repair II   (4)
8 hours lecture/laboratory
Recommended preparation: R AT 50
Note: Graded only; may be taken 3 times
Automotive body work with emphasis on increasing diagnostic, estimating and repair skills and updating techniques and related technologies. Introduction to collision industry standards including I-CAR and ASE.

R AT 55   Auto Refinishing I   (4)
8 hours lecture/laboratory
Note: Graded only; may be taken 3 times
Introduction to auto refinishing. Preparation of auto surfaces for refinishing: taping, cleaning, and sanding. Refinishing auto surfaces: sanding, application of primers and paint.

R AT 56   Auto Refinishing II   (4)
8 hours lecture/laboratory
Recommended preparation: R AT 55
Note: Graded only; may be taken 3 times
Skills development in automotive refinishing techniques including base-coat clear-coat application. Color matching concepts. Identification, prevention and correction of painting problems. Update on new products, techniques, and trends.

R AT 97   Auto Body Repair/Auto Refinishing Topics   (.5 - 4)
Units awarded in topics courses are dependent upon the number of hours required of the student. Any combination of lecture, laboratory, or lecture/laboratory may be scheduled by the department. Refer to Class Schedule.
Note: Graded only; may be taken 4 times
Topics in auto body repair and auto refinishing. See Class Schedule for specific topic offered. Course title will designate subject covered.

Computer Science and Information Systems (R CSIS)

Certificate of Proficiency -
Certificate of Proficiency requirements are listed in Section 6 (green pages).
• Software Applications Specialist

PROGRAMS OF STUDY

Software Applications Specialist

Prepares students for employment in positions that require competence in software applications common to business and industry.

In order to earn a certificate, students must achieve a minimum grade of 'C' in each of the certificate program courses.

CERTIFICATE OF PROFICIENCY

Program Requirement		Units
R CSIS 109	QuickBook Overview	1
R CSIS 120/ CSIT 120	Computer Applications	3
R CSIS 121	Microcomputer Applications – Advanced	3
R CSIS 110/ CSWB 110 or	Web Site Development with XHTML	
R CSIS 138	Website Design with FrontPage	2
R CSIS 170 or	Windows	
CSIT 130	Windows Vista	1
R CSIS 186	Contemporary Job Search	1
TOTAL UNITS		**11**