



PET Data Share – Labor Market Info (Programs by Living Wage, Positive Earnings Changes, and Median Earnings After Exit)  
This brief report provides rankings of the top 10 Programs at American River College that excel at helping more of their students attain a living wage, attain positive earnings changes (before vs after), and attain salaries more likely to lead to upward economic mobility.

Notably, four ARC programs (Fire Academy, Drywall and Insulation, Carpentry, and Registered Nursing) made the Top 10 on all three metrics. Additionally, three ARC programs (Administration of Justice, Police Academy, and Computer Support) made the Top 10 on at least 2 of 3 metrics.

## Top 10

The top 10 ranked ARC programs for each of the earnings metrics are listed below<sup>1</sup>.

Rank	% Earning a Living Wage	% Earnings Change (Before vs After)	Median Earnings After Exit
1	Fire Academy	Earth Science	Administration of Justice
2	Administration of Justice	Electrical	Police Academy
3	Police Academy	Intercollegiate Athletics	Fire Academy
4	Plumbing, Pipefitting, and Steamfitting	Fire Academy	Carpentry
5	Drywall and Insulation	General Work Experience	Drywall and Insulation
6	Geographic Information Systems	Registered Nursing	Registered Nursing
7	Carpentry	Carpentry	Computer Support
8	Tax Studies	Commercial Music	Respiratory Care/Therapy
9	Registered Nursing	Drywall and Insulation	Database Design and Administration
10	Computer Support	Ceramics	Sheet Metal and Structural Metal

The top 10 ranked ARC programs by *percentage of exiting students earning a living wage*<sup>2</sup> are listed below.

Program	Top code (6)	% Earning a Living Wage
Fire Academy	213350	97%
Administration of Justice	210500	94%
Police Academy	210550	93%
Plumbing, Pipefitting, and Steamfitting	095230	90%
Drywall and Insulation	095280	89%
Geographic Information Systems	220610	89%
Carpentry	095210	88%
Tax Studies	050210	88%
Registered Nursing	123010	87%
Computer Support	070820	85%

<sup>1</sup> Notes: All data extracted from the California Community Colleges Chancellor's Office Launchboard hosted by Cal-PASS Plus: [Community College Pipeline dashboard](#). 2019-2020 was the most recent year available for employment and earnings data. Additional Resources: [Understanding Employment and Earnings Data](#).

<sup>2</sup> Among students who exited college and did not transfer to any postsecondary institution, the proportion who attained the district county living wage for a single adult measured immediately following academic year of exit. [Technical Definition](#).

The top 10 ranked ARC programs by *percentage positive earnings change, before entering vs after exiting the program*<sup>3</sup>, are listed below.

Program	Top code (6)	% Earnings Change (+)
Earth Science	193000	161%
Electrical	095220	158%
Intercollegiate Athletics	083550	152%
Fire Academy	213350	136%
General Work Experience	493200	136%
Registered Nursing	123010	123%
Carpentry	095210	119%
Commercial Music	100500	118%
Drywall and Insulation	095280	96%
Ceramics	100230	95%

The top 10 ranked ARC programs by *median earnings the year after exit*<sup>4</sup>, are listed below.

Program	Top code (6)	Median Earnings for Students after Exit
Administration of Justice	210500	\$115,944
Police Academy	210550	\$111,600
Fire Academy	213350	\$102,572
Carpentry	095210	\$94,386
Drywall and Insulation	095280	\$89,776
Registered Nursing	123010	\$87,678
Computer Support	070820	\$86,152
Respiratory Care/Therapy	121000	\$85,948
Database Design and Administration	070720	\$74,816
Sheet Metal and Structural Metal	095640	\$74,784

<sup>3</sup> Among students who exited and who did not transfer, median change in earnings between the second quarter prior to the beginning of the academic year of entry and the second quarter after the end of the academic year of exit from the last college attended. [Technical Definition.](#)

<sup>4</sup> Among students who exited the community college system and who did not transfer to any postsecondary institution, median earnings following the academic year of exit. [Technical Definition.](#)

All ARC Programs included in the analyses are listed below in alphabetical order<sup>5</sup>

Program	Top code (6)	% Attaining a Living Wage	% Earnings Change (+)	Median Earnings for Students after Exit
Academic Guidance	493013	37%	54%	\$24,818
Accounting	050200	77%	14%	\$55,098
Administration of Justice	210500	94%	15%	\$115,944
Anatomy and Physiology	041000	55%	18%	\$33,496
Anthropology	220200	45%	27%	\$27,094
Applied Photography	101200	37%	78%	\$24,880
Art	100200	47%	80%	\$29,604
Astronomy	191100	42%	45%	\$28,792
Automotive Collision Repair	094900	52%	10%	\$30,792
Automotive Technology	094800	56%	39%	\$32,620
Biology, General	040100	47%	69%	\$28,916
Biotechnology and Biomedical Technology	043000	59%	na	\$34,300
Business Administration	050500	70%	20%	\$44,164
Business and Commerce, General	050100	60%	21%	\$36,004
Business Management	050600	75%	7%	\$52,952
Career Guidance and Orientation	493010	34%	83%	\$24,446
Carpentry	095210	88%	119%	\$94,386
Ceramics	100230	40%	95%	\$27,978
Chemistry, General	190500	49%	34%	\$30,272
Child Development Administration and Management	130580	57%	12%	\$32,292
Child Development/Early Care and Education	130500	37%	17%	\$26,108
Classics	150400	51%	60%	\$33,246
Commercial Music	100500	31%	118%	\$27,048
Computer Graphics and Digital Imagery	061460	47%	17%	\$25,102
Computer Infrastructure and Support	070800	73%	-11%	\$65,980
Computer Networking	070810	71%	2%	\$56,928
Computer Programming	070710	54%	19%	\$32,972
Computer Support	070820	85%	14%	\$86,152
Creative Writing	150700	44%	33%	\$28,336
Culinary Arts	130630	44%	36%	\$27,036
Dance	100800	35%	38%	\$21,892
Database Design and Administration	070720	84%	-41%	\$74,816
Diesel Technology	094700	75%	83%	\$44,188
Drafting Technology	095300	59%	21%	\$35,940
Dramatic Arts	100700	38%	54%	\$24,876
Drywall and Insulation	095280	89%	96%	\$89,776
Earth Science	193000	62%	161%	\$34,728
Economics	220400	57%	41%	\$34,596
Electrical	095220	85%	158%	\$62,156
Electronics and Electric Technology	093400	70%	32%	\$39,944

<sup>5</sup> Excludes programs that did not have any available data for the first metric, % *earning a living wage*.

Program	Top code (6)	% Attaining a Living Wage	% Earnings Change (+)	Median Earnings for Students after Exit
Emergency Medical Services	125000	53%	78%	\$31,776
Engineering, General (requires Calculus) (Transfer)	090100	45%	27%	\$27,938
English	150100	43%	42%	\$27,272
English as a Second Language - Integrated	493087	40%	14%	\$28,416
English as a Second Language - Listening and Speaking	493086	49%	31%	\$30,656
English as a Second Language - Reading	493085	42%	14%	\$27,326
English as a Second Language - Writing	493084	51%	11%	\$31,578
Film History and Criticism	061210	52%	22%	\$31,828
Film Studies	061200	52%	77%	\$32,810
Fine Arts, General	100100	39%	51%	\$26,836
Fire Academy	213350	97%	136%	\$102,572
Fire Technology	213300	78%	70%	\$57,160
General Work Experience	493200	60%	136%	\$34,532
Geographic Information Systems	220610	89%	26%	\$74,404
Geography	220600	35%	66%	\$25,446
Geology	191400	48%	66%	\$29,666
Gerontology	130900	56%	5%	\$34,404
Health Education	083700	34%	51%	\$22,812
Health Occupations, General	120100	60%	3%	\$36,736
History	220500	43%	60%	\$28,508
Human Services	210400	53%	30%	\$35,308
Infants and Toddlers	130590	56%	12%	\$33,792
Information Technology, General	070100	69%	19%	\$55,234
Intercollegiate Athletics	083550	27%	152%	\$21,592
Interior Design and Merchandising	130200	49%	20%	\$30,384
Italian	110400	67%	21%	\$37,594
Job Seeking/Changing Skills	493012	64%	32%	\$36,290
Journalism	060200	35%	93%	\$24,120
Landscape Design and Maintenance	010910	58%	34%	\$33,060
Library Science, General	160100	56%	11%	\$35,372
Marketing and Distribution	050900	56%	31%	\$34,600
Mathematics Skills	170200	39%	61%	\$24,150
Mathematics, General	170100	46%	36%	\$28,788
Microbiology	040300	50%	11%	\$30,376
Mortuary Science	125500	62%	5%	\$36,864
Multimedia	061410	50%	na	\$30,738
Music	100400	47%	42%	\$29,600
Natural Resources	011500	54%	64%	\$34,868
Nutrition, Foods, and Culinary Arts	130600	47%	38%	\$29,012
Office Technology/Office Computer Applications	051400	65%	15%	\$37,824
Other Health Occupations	129900	70%	14%	\$42,744
Other Humanities	159900	61%	38%	\$33,336

Program	Top code (6)	% Attaining a Living Wage	% Earnings Change (+)	Median Earnings for Students after Exit
Painting and Drawing	100210	41%	19%	\$26,356
Paralegal	140200	79%	33%	\$50,482
Paramedic	125100	61%	20%	\$39,128
Philosophy	150900	44%	80%	\$27,930
Physical Education	083500	44%	48%	\$28,440
Physics, General	190200	55%	0%	\$33,144
Plumbing, Pipefitting, and Steamfitting	095230	90%	59%	\$70,056
Police Academy	210550	93%	17%	\$111,600
Political Science	220700	48%	53%	\$28,360
Psychology, General	200100	47%	33%	\$29,040
Reading	152000	37%	56%	\$25,612
Real Estate	051100	73%	1%	\$55,062
Registered Nursing	123010	87%	123%	\$87,678
Religious Studies	151000	47%	4%	\$28,934
Respiratory Care/Therapy	121000	80%	na	\$85,948
Restaurant and Food Services and Management	130710	46%	32%	\$29,254
Russian	110600	45%	48%	\$27,344
Sculpture	100220	63%	35%	\$32,902
Sheet Metal and Structural Metal	095640	83%	94%	\$74,784
Sign Language	085000	38%	39%	\$26,052
Small Business and Entrepreneurship	050640	53%	55%	\$31,954
Sociology	220800	43%	46%	\$27,206
Software Applications	070210	77%	3%	\$55,180
Spanish	110500	46%	23%	\$28,558
Speech Communication	150600	44%	57%	\$27,788
Speech/Language Pathology and Audiology	122000	48%	-2%	\$30,656
Supervised Tutoring	493009	53%	2%	\$32,552
Tax Studies	050210	88%	21%	\$62,884
Telecommunications Technology	093430	65%	67%	\$35,856
Welding Technology	095650	69%	29%	\$44,952
World Wide Web Administration	070900	74%	-43%	\$43,576