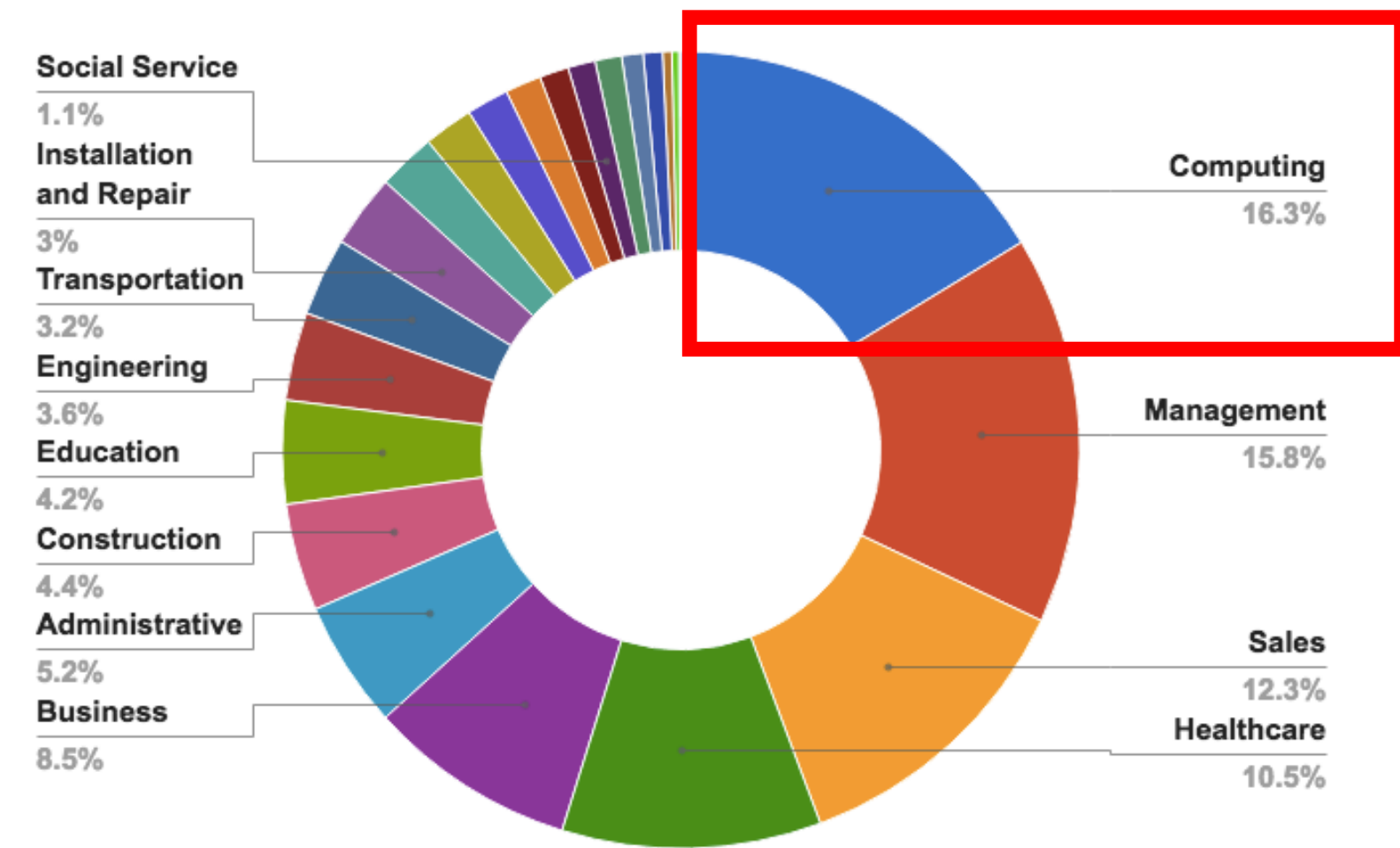


We need more trained workers!

Computing jobs are the #1 source of new wages in the United States



500,000 current openings: Growing to 1.4 million by 2020. These jobs are in *every* industry and *every* state, and they're projected to grow at twice the rate of all other jobs.

Source: Jobs data are calculated from the Bureau of Labor Statistics (BLS), Employment Projections 2010-2020, available at <http://www.bls.gov/emp/>.

What year can I take college courses?

For more information about your High School offerings please visit www.eastern-promise.org

Name High School
Virtual Advisor- 9th to 14th Grade

Subject Area	9th Grade	HS Credit	10th Grade	HS Credit	11th Grade	HS Credit	12th Grade	Credit per class	Grad. requirement	College Credit
English										
Science										
Math										
Social Studies										
Health/PE										
World Language/Arts/CTE										
Electives (see course catalog for full list)										
Total	Total	0	Total	0	Total	0	Total	0	0	0

** Denotes fulfillment of college cultural literacy requirement
BOLD Denotes College Credit Courses for AADT
Options OFF-CAMPUS/SUMMER courses may be used to replace HS requirements. Please consult your counselor or administrator to create your degree plan.

For technology job openings in eastern Oregon go to https://docs.google.com/spreadsheets/d/1ClxH1_Q--LDnDiOQCpTvbuRWoeAP0Myn5LADIQ36ww/edit?ts=58791ca1#gid=0

Careers in Computing

US Computing Jobs > Candidates

We can fill **61%** of **1.4** million computing jobs available by **2020**

We can fill **32%** that require a bachelor's or advanced degree

What college courses are offered at your high school?



For more information about your High School offerings please visit www.eastern-promise.org

www.eastern-promise.org

Name of High School

BMCC Associate of Science Oregon Transfer/ Computer Science Degree (ASOT/CS)
Possible Pathway in high school

My Credits	# of Credits	BMCC ASOT/CS Degree Requirement	Courses offered at My High School	High School Teacher	College
	4	COM 111			
	3	HWS 250			
	8	MTH 251, 252			
	8	WR 121 and WR 122 (4 credits each)			
	12	Arts and Letters (3 courses) (SPAN201,202/ ENG 104/ ART/MUS/TA) (Must include at least 2 disciplines)			
	20	Social Science (5 courses) (*HST/PS/PSYCH/*SOC) *Fulfills Cult. Literacy requirement			
	12	Lab Science (3 courses) (BIO101-103, CH 101)			
	@ 26	**Possible Electives: See college link below for more information. Computer Science 160, 161, 162, 262 MTH 111, 112			

90 Total ASOT CREDITS

All courses must be completed with a "C" or better. Up to 22 credits may be AP/Credit by Exam. This checklist is for planning purposes only.

This degree will prepare students to transfer to an Oregon public university. Computer Science (CS) is the study of programs, data, computing machinery, and how these interact. **Majors in computer science are offered at EQU, OSU, OIT, PSU, SOU, UO, and WOU** in Oregon. Be aware that the core CS curriculum and major options vary at the above-listed schools. Consult with a BMCC faculty adviser before beginning your first term at BMCC as a CS transfer major. phehberg@bluecc.edu

** See BMCC course catalog page 35 at <http://www.bluecc.edu/academics/academic-catalog>



How much do the jobs pay? How much education do you need?

Sample Jobs Available with 2-Year AA, AAS Degree

2-Year Job Title	Projected Growth 2010-2020	2012 Average Salary	
		Annual	Hourly
Computer Support, Help Desk Specialist	18%	\$46,260	\$22.24
Network Technician	18%	\$46,260	\$22.24
Nuclear Medicine Technologist	19%	\$68,560	\$32.96
Medical Record, Health Information Technician	21%	\$32,350	\$15.55
Environmental Engineering Technician	24%	\$43,390	\$20.86

Sample Jobs Available with 4-Year or Advanced Degree

Job Title*	Projected Growth 2010-2020	2012 Average Salary	
		Annual	Hourly
Computer Information Systems Manager	28%	\$69,160	\$33.25
Network, Computer Systems Administrator	28%	\$69,160	\$33.25
Bioinformaticist	19%	\$70,790	\$34.03
Database Administrator	31%	\$73,490	\$35.33
Computer Security Specialist	22%	\$75,660	\$36.37
Web Developer, Website Manager	22%	\$75,660	\$36.37
Software Developer	30%	\$90,530	\$43.52
Software Engineer	9%	\$98,810	\$47.50
Computer Scientist	19%	\$100,660	\$48.39

Sample Jobs Available with Military Training*

Job Title*	Projected Growth 2010-2020	2012 Average Salary	
		Annual	Hourly
Network Technician	18%	\$46,260	\$22.24
Network Administrator	28%	\$69,190	\$33.25
Help Desk Specialist	18%	\$46,260	\$22.24
Technical Writer	17%	\$63,280	\$30.42
Database Administrator	31%	\$73,490	\$35.33
Software Developer	30%	\$90,530	\$43.52
Computer Security Specialist	22%	\$75,660	\$36.37
Multimedia Artist or Animator	8%	\$58,510	\$28.13
Multimedia Producer	8%	\$58,510	\$28.13
Web Developer	22%	\$75,660	\$36.37

*Upon leaving service