Answers to LMI Worksheet

Program Name: Associate of Science - Computer Science

CIP: 11.0701

What are common job titles:

Computer and Inform. Systems Managers (11-3021); Computer and Inform. Research

Scientists (15-1111); Computer Systems Analysts (15-1121); Computer Programmers

(15-1131); Software Dev, Apps (15-1132); Software Dev, Systems Software (15-1133)

Computer Hardware Engineers (17-2061)

What occupational title most closely describes:

Computer Systems Analysts (15-1121) Region: Portland, OR

National percentages:

Males: 75%

Females: 25%

Potential career ladder opps:

Design & implement software (BS followed by MS); promotion to team leadership; promotion to division leadership (sometimes as a director); promotion to company leadership in VP or Chief Information Officer role.

Minimum educational requirements:

A bachelor's degree is required for entrance into the job market. However, promotional

opportunities beyond those of a director usually require a MS. The PhD is not usually

required outside of research institutions.

Is training available for related career ladder occupations?:

Yes, regional and national educational institutions offer MS and PhD training. Vendors also offer advanced training and certification throughout the US via focused bootcamps and conventions.

Please describe other labor market info that may be relevant:

Most analysts predict that the number of people trained for jobs in the computing industry will fall far short of the employment demand.

<http://computingcareers.acm.org/?page_id=8>

<http://www.acm.org/membership/careernews/extras/ProjectedEmployment.gif>