

# KENTUCKY'S BUSINESS & IT SERVICES INDUSTRY Information Management Career Pathway

## INFORMATION SYSTEMS

### General & Operations Managers

Average Annual Earnings: \$94,157  
Five-Year Openings: 6,204 \*  
Work Experience Required: 5 years or more  
On-the-Job Training: None  
Minimum Education Required: Bachelor's Degree

### Computer & Information Systems Managers

Average Annual Earnings: \$110,677  
Five-Year Openings: 600 \*  
Work Experience Required: 5 years or more  
On-the-Job Training: None  
Minimum Education Required: Bachelor's Degree

### Computer Network & System Architects

Average Annual Earnings: \$81,430  
Five-Year Openings: 780 \*  
Work Experience Required: 5 years or more  
On-the-Job Training: None  
Minimum Education Required: Bachelor's Degree

### Network & Computer Systems Administrators

Average Annual Earnings: \$65,928  
Five-Year Openings: 602 \*  
Work Experience Required: None  
On-the-Job Training: None  
Minimum Education Required: Bachelor's Degree

### Information Security Analysts

Average Annual Earnings: \$77,862  
Five-Year Openings: 131 \*  
Work Experience Required: Less than 5 years  
On-the-Job Training: None  
Minimum Education Required: Bachelor's Degree

### Computer Systems Analysts

Average Annual Earnings: \$75,407  
Five-Year Openings: 696 \*  
Work Experience Required: None  
On-the-Job Training: None  
Minimum Education Required: Bachelor's Degree

### Database Administrators

Average Annual Earnings: \$73,443  
Five-Year Openings: 350 \*  
Work Experience Required: Less than 5 years  
On-the-Job Training: None  
Minimum Education Required: Bachelor's Degree

### Computer Programmers

Average Annual Earnings: \$70,964  
Five-Year Openings: 207 \*  
Work Experience Required: None  
On-the-Job Training: None  
Minimum Education Required: Bachelor's Degree

### Computer Network Support Specialists

Average Annual Earnings: \$56,672  
Five-Year Openings: 255 \*  
Work Experience Required: None  
On-the-Job Training: None  
Minimum Education Required: Associates Degree

Higher-Skilled Occupations

Middle-Skilled Occupations

## SOFTWARE

### General & Operations Managers

Average Annual Earnings: \$94,157  
Five-Year Openings: 6,204 \*  
Work Experience Required: 5 years or more  
On-the-Job Training: None  
Minimum Education Required: Bachelor's Degree

### Computer & Information Systems Managers

Average Annual Earnings: \$110,677  
Five-Year Openings: 600 \*  
Work Experience Required: 5 years or more  
On-the-Job Training: None  
Minimum Education Required: Bachelor's Degree

### Software Developers, Systems Software

Average Annual Earnings: \$86,395  
Five-Year Openings: 342 \*  
Work Experience Required: None  
On-the-Job Training: None  
Minimum Education Required: Bachelor's Degree

### Software Developers, Applications

Average Annual Earnings: \$74,745  
Five-Year Openings: 1,028 \*  
Work Experience Required: None  
On-the-Job Training: None  
Minimum Education Required: Doctoral or Master's Degree

### Computer Programmers

Average Annual Earnings: \$70,964  
Five-Year Openings: 207 \*  
Work Experience Required: None  
On-the-Job Training: None  
Minimum Education Required: Bachelor's Degree

### Web Developers

Average Annual Earnings: \$53,116  
Five-Year Openings: 248 \*  
Work Experience Required: None  
On-the-Job Training: None  
Minimum Education Required: Associate's Degree

Higher-Skilled Occupations

Middle-Skilled Occupations

## CUSTOMER SUPPORT

### General & Operations Managers

Average Annual Earnings: \$94,157  
Five-Year Openings: 6,204 \*  
Work Experience Required: 5 years or more  
On-the-Job Training: None  
Minimum Education Required: Bachelor's Degree

### Computer & Information Systems Managers

Average Annual Earnings: \$110,677  
Five-Year Openings: 600 \*  
Work Experience Required: 5 years or more  
On-the-Job Training: None  
Minimum Education Required: Bachelor's Degree

### Sales Engineers

Average Annual Earnings: \$80,463  
Five-Year Openings: 114 \*  
Work Experience Required: 5 years or more  
On-the-Job Training: Short-term  
Minimum Education Required: Bachelor's Degree

### Sales Representatives, Wholesale & Manufacturing, Technical & Scientific Products

Average Annual Earnings: \$91,076  
Five-Year Openings: 652 \*  
Work Experience Required: Less than 5 years  
On-the-Job Training: Short-term  
Minimum Education Required: Bachelor's Degree

### Computer Programmers

Average Annual Earnings: \$70,964  
Five-Year Openings: 207 \*  
Work Experience Required: None  
On-the-Job Training: None  
Minimum Education Required: Bachelor's Degree

Higher-Skilled Occupations

\* Some occupations cross multiple industries. Five-Year Openings projections provided here are cross-industry, not industry-specific