

CAREER PATHWAY: SYSTEMS ENGINEER



What do they do? Design and develop solutions to complex applications problems, system administration issues, or network concerns. Perform systems management and integration functions.

People with these roles and responsibilities are also called: Systems Engineer, Electronic Data Interchange System Developer (EDI System Developer), System Architect

Some typical job duties include:

- Communicate with staff or clients to understand specific system requirements.
- Provide advice on project costs, design concepts, or design changes.
- Document design specifications, installation instructions, and other system-related information.
- Verify stability, interoperability, portability, security, or scalability of system architecture.
- Collaborate with engineers or software developers to select appropriate design solutions or ensure the compatibility of system components.



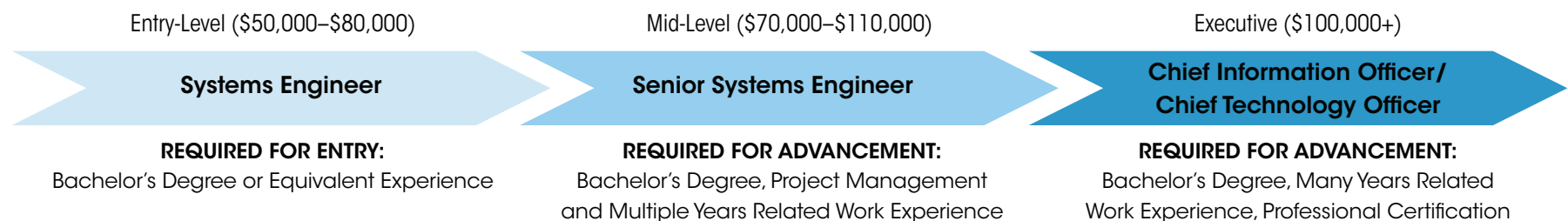
HOW MUCH DO THESE JOBS PAY IN OHIO?

AVERAGE:
\$79,340

MOST IMPORTANT OCCUPATIONAL SKILLS

- Basic Skills:** Active Listening, Critical Thinking, Reading Comprehension
Social Skills: Coordination, Instruction, Persuasion
Problem Solving Skills: Complex Problem Solving
Technical Skills: Operations Analysis, Programming
System Skills: Judgment and Decision Making, Systems Analysis, Systems Evaluation
Resource Management Skills: Time Management, Management of Personnel Resources, Management of Financial Resources

CAREER PATHWAY AND EDUCATIONAL REQUIREMENTS



SOME CERTIFICATIONS THAT CAN HELP YOU ADVANCE:
Systems Engineering Certification: (International Council on Systems Engineering)

Accredited Systems Engineer- ASE: (Hewlett Packard)

Microsoft Certified IT Professional- MCITP: (Microsoft)