

# Find your path at John Wood

## Computer Science

It's where the high-paying jobs are if you have the right skills, training and education. In the next 10 years, 650 (19% increase) positions in Illinois will need to be filled by individuals with new technical skills in computer science.



### Like?

Technology

Creating Digital Solutions

Problem Solving & Math

### Learn to

Understand data structures, logic, programming languages and algorithms

Build operating systems, networking, wireless technology and electronic security

Analyze and repair computer systems and units

### Average Annual Earnings Range

\$37,790–\$92,111

Source: Bureau of Labor Statistics

### Potential Careers

Network Specialist, Computer Technician, Software Engineer, Developer, Programmer

### Classes in...

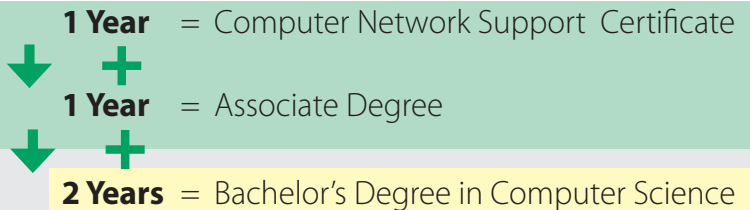
Computer-based problem solving, computer programming, language survey, elementary statistics, drawing graphic design, desktop information management, microcomputer operating systems, network support

### Type of Work

Manage information technology projects or system activities. Develop testing routines and procedures. Evaluate utility of software or hardware technologies. Monitor computer system performance to ensure proper operation. Modify software programs to improve performance. Review and analyze computer printouts and performance indicators to locate code problems, and correct errors by correcting codes.

### JWCC Stackable Certificates or Degrees

Build Upon Your Education



## JWCC Difference

- Stackable certificates help working adults
- Industry instructors connect graduates with jobs
- Online courses available



[jwcc.edu/computerscience](http://jwcc.edu/computerscience)

217.641.4337

[admissions@jwcc.edu](mailto:admissions@jwcc.edu)

# AA Computer Science Degree—Transfer

## Semester 1

| Course  | Description                         | Credit Hours |
|---------|-------------------------------------|--------------|
| ENG 101 | Rhetoric & Composition I            | 3            |
| FYE 101 | Blazing Your Trail                  | 1            |
|         | Humanities General Education course | 3            |
| MAT 109 | Statistics                          | 3            |
|         | Social/Behavioral Science           | 3            |
| CSC 106 | Intro to Computers                  | 3            |

## Semester 2

| Course   | Description                         | Credit Hours |
|----------|-------------------------------------|--------------|
| ENG 102  | Rhetoric & Composition II           | 3            |
|          | Humanities General Education course | 3            |
|          | Social/Behavioral Science           | 3            |
| CSC 112  | Computer-Based Problem Solving      | 3            |
| *MAT 113 | College Algebra                     | 3            |
|          | Elective                            | 2            |

## Semester 3

| Course   | Description                         | Credit Hours |
|----------|-------------------------------------|--------------|
| CMN 101  | Intro to Speech                     | 3            |
|          | Humanities General Education course | 3            |
|          | Life or Physical Science            | 4            |
| *MAT 114 | Trigonometry                        | 3            |
| CSC 274  | Language Survey                     | 3            |

## Semester 4

| Course     | Description                    | Credit Hours |
|------------|--------------------------------|--------------|
|            | Social/Behavioral Science      | 3            |
|            | Life or Physical Science       | 3            |
| *MAT 220   | Analytic Geometry & Calculus I | 4            |
| OR MAT 234 | Calculus for Social Scientists | 4            |
|            | Electives                      | 5            |

\*Suggested program electives

# SUCCESS



JWCC ranks in the  
**TOP 10% in the Nation**  
for Student Success



# TRANSFER

## Credits Accepted Nationwide!



Plus many more!

# SAVE

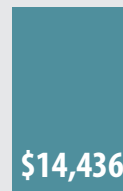


### VALUE COMPARISON

**One-Year Tuition**  
(32 credit hours)



**\$5,216**



**\$14,436**



**\$26,527**

- JWCC tuition (in-district)
- Area four-year public average tuition
- Area four-year private average tuition

For 2019-20 Academic Year



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