

# Future Ready Iowa Last-Dollar Scholarship High Demand Occupations 2019



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## Healthcare & Biosciences

- Agricultural and Food Science Technicians \*(\$30,841)
- Biological Technicians (\$31,063)
- Cardiovascular Technologists and Technicians (\$31,244)
- Chemical Technicians (\$29,960)
- Dental Assistants (\$32,420)
- Dental Hygienists (\$56,344)
- Diagnostic Medical Sonographers (\$51,301)
- Emergency Medical Technicians and Paramedics (\$23,496)
- Environmental Science and Protection Technicians, Including Health (\$34,310)
- Health Technologists and Technicians (\$30,148)
- Licensed Practical and Licensed Vocational Nurses (\$34,507)
- Life, Physical, and Social Science Technicians (\$31,801)
- Medical and Clinical Laboratory Technicians (N/A)
- Medical and Clinical Laboratory Technologists (\$32,644)
- Occupational Therapy Assistants (\$43,936)
- Physical Therapist Assistants (\$36,475)
- Radiologic Technologists (\$40,264)
- Registered Nurses (\$44,294)
- Respiratory Therapists (\$43,754)
- Surgical Technologists (\$33,306)

## Information Technology

- Computer Systems Analysts (\$58,392)
- Computer User Support Specialists (\$31,164)
- Network and Computer Systems Administrators (\$50,992)
- Computer Occupations, All Other (\$46,325)
- Computer Programmers (\$49,121)
- Computer Network Support Specialists (\$36,689)
- Web Developers (\$32,436)

\*2018 Iowa Wage Report - Entry Level Annual Salary

### Criteria:

- *With few exceptions, 33.3% or higher of people employed in the occupation with educational attainment of Some College, No Degree or Associate's Degree.*
- *Entry-level wage of \$14.00 or higher (Iowa Wage Report, 2017 Entry Level Wage)*
- *Doesn't typically require work experience for entry*

## Advanced Manufacturing Production, Installation, & Maintenance

- Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic (\$32,566)
- Computer-Controlled Machine Tool Operators, Metal and Plastic (\$30,411)
- Electrical Power-Line Installers and Repairers (\$50,293)
- Engine and Other Machine Assemblers (\$34,462)
- Farm Equipment Mechanics and Service Technicians (\$31,372)
- Heating, Air Conditioning, and Refrigeration Mechanics and Installers (\$32,550)
- Industrial Machinery Mechanics (\$38,023)
- Maintenance Workers, Machinery (\$32,442)
- Millwrights (\$38,622)
- Mobile Heavy Equipment Mechanics, Except Engines (\$37,023)
- Plant and System Operators (\$35,831)
- Telecommunications Line Installers and Repairers (\$36,269)
- Tool and Die Makers (\$37,948)
- Welders, Cutters, Solderers, and Brazers (\$30,283)
- Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders (\$30,625)
- Wind Turbine Service Technicians (\$40,725)

## Construction & Engineering

- Architectural and Civil Drafters (\$37,285)
- Carpenters (\$30,469)
- Civil Engineering Technicians (\$33,717)
- Electrical and Electronics Engineering Technicians (\$43,797)
- Electricians (\$34,701)
- Engineering Technicians, Except Drafters, All Other (\$40,728)
- Mechanical Drafters (\$35,488)
- Operating Engineers and Other Construction Equipment Operators (\$33,533)
- Pipelayers (\$35,156)
- Plumbers, Pipefitters, and Steamfitters (\$32,434)
- Sheet Metal Workers (\$30,549)
- Structural Iron and Steel Workers (\$36,951)

For more details about these occupations visit  
[IowaCareerCoach.gov](http://IowaCareerCoach.gov)

### Sources:

- *State of Iowa Occupational Projections*  
[www.iowalmi.gov/occproj](http://www.iowalmi.gov/occproj)
- *2017 Iowa Wage Report (State of Iowa)*  
[www.iowalmi.gov/iawagereport](http://www.iowalmi.gov/iawagereport)
- *U.S. Bureau of Labor Statistics (national)*  
<https://www.bls.gov/emp/tables/educational-attainment.htm>
- *Iowa Registered Apprenticeship Sponsor List*  
[www.earnandlearniaowa.gov](http://www.earnandlearniaowa.gov)

# Future Ready Iowa, Iowa Grant High Demand Occupations 2019

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## Management, Business, & Financial Operations

- Accountants and Auditors \*(\$42,432)
- Business Operations Specialists (\$37,749)
- Construction Managers (\$53,254)
- Cost Estimators (\$41,795)
- Credit Analysts (\$43,411)
- Financial Analysts (\$52,292)
- Financial Examiners (\$50,009)
- Financial Specialists (\$41,133)
- Loan Officers (\$40,601)
- Logisticians (\$38,525)
- Market Research Analysts and Marketing Specialists (\$36,076)
- Personal Financial Advisors (\$41,112)
- Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products (\$44,574)
- Securities, Commodities, and Financial Services Sales Agents (\$32,928)

## Information Technology & Mathematics

- Actuaries (\$64,691)
- Computer Network Support Specialists (\$36,689)
- Computer Occupations, All Other (\$46,325)
- Computer Programmers (\$49,121)
- Computer Systems Analysts (\$58,392)
- Computer User Support Specialists (\$31,164)
- Database Administrators (\$55,992)
- Network and Computer Systems Administrators (\$50,992)
- Operations Research Analysts (\$56,336)
- Software Developers, Applications (\$60,425)

\*2018 Iowa Wage Report - Entry Level Annual Salary

### Criteria:

- *With few exceptions, 33.3% or higher of people employed in the occupation with educational attainment of Bachelor's Degree or higher*
- *Entry-level wage of \$14.00 or higher (Iowa Wage Report, 2017 Entry Level Wage)*
- *Doesn't typically require work experience for entry*
- *Doesn't typically require a doctoral or professional degree*

For more details about these occupations visit  
[IowaCareerCoach.gov](http://IowaCareerCoach.gov)

## Education

- Career/Technical Education Teachers, Middle School (\$28,963)
- Career/Technical Education Teachers, Secondary School (\$42,376)
- Elementary School Teachers, Except Special Education (\$38,277)
- Kindergarten Teachers, Except Special Education (\$37,708)
- Middle School Teachers, Except Special and Career/Technical Education (\$38,482)
- Secondary School Teachers, Except Special and Career/Technical Education (\$39,160)
- Special Education Teachers, All Other (\$47,993)
- Special Education Teachers, Kindergarten and Elementary School (\$41,171)
- Special Education Teachers, Middle School (\$41,616)
- Special Education Teachers, Preschool (\$35,308)
- Special Education Teachers, Secondary School (\$42,341)
- Vocational Education Teachers, Postsecondary (\$31,397)

## Healthcare & Biosciences

- Agricultural Inspectors (\$34,401)
- Biological Technicians (\$31,063)
- Educational, Guidance, School, and Vocational Counselors (\$34,555)
- Healthcare Social Workers (\$34,201)
- Marriage and Family Therapists (\$26,311)
- Mental Health and Substance Abuse Social Workers (\$32,127)
- Mental Health Counselors (N/A)
- Nurse Practitioners (\$83,411)
- Occupational Therapists (\$61,511)
- Physician Assistants (\$83,530)
- Registered Nurses (\$44,294)
- Social Workers (\$40,574)

## Engineering

- Agricultural Engineers (\$65,581)
- Computer Hardware Engineers (\$67,399)
- Electrical Engineers (\$64,120)
- Industrial Engineers (\$57,438)
- Mechanical Engineers (\$51,152)

### Sources:

- *State of Iowa Occupational Projections*  
[www.iowalmi.gov/occproj](http://www.iowalmi.gov/occproj)
- *2017 Iowa Wage Report (State of Iowa)*  
[www.iowalmi.gov/iawagereport](http://www.iowalmi.gov/iawagereport)
- *U.S. Bureau of Labor Statistics (national)*  
<https://www.bls.gov/emp/tables/educational-attainment.htm>
- *Iowa Registered Apprenticeship Sponsor List*  
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