



INFORMATION TECHNOLOGY AND DIGITAL ARTS

Multiple degrees and certificates that give you

REAL WORLD EXPERIENCE

- | Computer Networking
- | Computer Software Development
- | Cybersecurity
- | GIS/Geospatial Technology
- | Graphic Design
- | New Media
- | Web Design and Development

STEPS OF ENROLLMENT



APPLY AND BE AUTOMATICALLY ACCEPTED

Enrolling is easy with Clark State's Admissions Specialists helping you every step of the way! www.clarkstate.edu/apply



APPLY FOR FINANCIAL AID

Learn the steps by going to www.clarkstate.edu/financial-aid/.
Apply at studentaid.gov | Clark State Code: 004852



TAKE THE PLACEMENT ASSESSMENT

For details go to www.clarkstate.edu/admissions/placement-assessment/. Be sure to bring a valid ID.



REGISTER FOR CLASSES WITH HELP FROM AN ADVISOR

Create your academic plan and register for classes. www.clarkstate.edu/admissions/academic-advising/



PAY TUITION WITH FINANCIAL AID OR A PAYMENT PLAN

Pay online via Student Finance on the Clark State Portal. Payment is due seven (7) days prior to the semester. For other payment options visit: www.clarkstate.edu/admissions/tuition-and-fees/payment-options/.

**Complete one of
our programs in
three steps!**



STEP 1

Apply online at
www.clarkstate.edu
and complete the
enrollment process



STEP 2

Earn an
Associate Degree



STEP 3

Enter the workforce **OR**
continue your education
with another degree
OR do both!



Skilled Workers Are In Demand

Have an interest in how your computer functions? Clark State's Computer and Information Technology programs prepare you for entry into the workforce!

Our courses have hands-on application of theory that gives students real world experience, aiding in their success in the workforce. Choose one of our multiple Computer and Information Technology degrees and certificates!

Get started on your new career today! We'll guide you through the process. Clark State offers year-round enrollment and registration. Some degrees are transferable to four-year colleges should you want to continue your education.

Questions? We're here to help!

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Computer Networking

Information technology is one of the fastest-growing career fields today! The Computer Networking curriculum prepares students to plan, design, implement, troubleshoot and administer microcomputer-based networks. Students have the options to specialize their degree in Technical Systems Support with a focus on computer and network end-user support. The curriculum assists students in preparing for multiple certifications including CompTIA (A+, Network+, Linux+, Security+, Project+) and Cisco Certified Network Associate (CCNA).

Computer Networking students can increase their learning (and earning) potential by participating in the cooperative education work-experience program. This program allows students to spend up to two semesters gaining hands-on experience in the information technology field and earn college credits towards their degree.

Degrees:

- Associate of Applied Business in Computer Networking
- Associate of Applied Business in Computer Networking - *Technical Systems Support Option*

Certificates:

- Network Administration Short-Term Technical certificate (*embedded in associate degree*)
- Network Infrastructure Short-Term Technical certificate (*embedded in associate degree*)
- Technical Support Short-Term Technical certificate

Career Outlook

- Computer Network Support Specialists: \$49,100-\$79,800/Year
- Network and Computer Systems Administrators: \$63,400-\$101,700 /Year
- Security Management Specialists: \$47,100-\$85,000/Year

Computer Software Development

Have an interest in software development? How about spending your day problem solving? Then computer software development might be the perfect career path for you! Our Computer Software Development program teaches you the programming, database and web design skills needed to enter your career in technology. Students also have the option to focus their degree in Cybersecurity or Web Development. Upon successful completion of the program, students are able to analyze business problems, as well as design and develop solutions using technology.

Degrees:

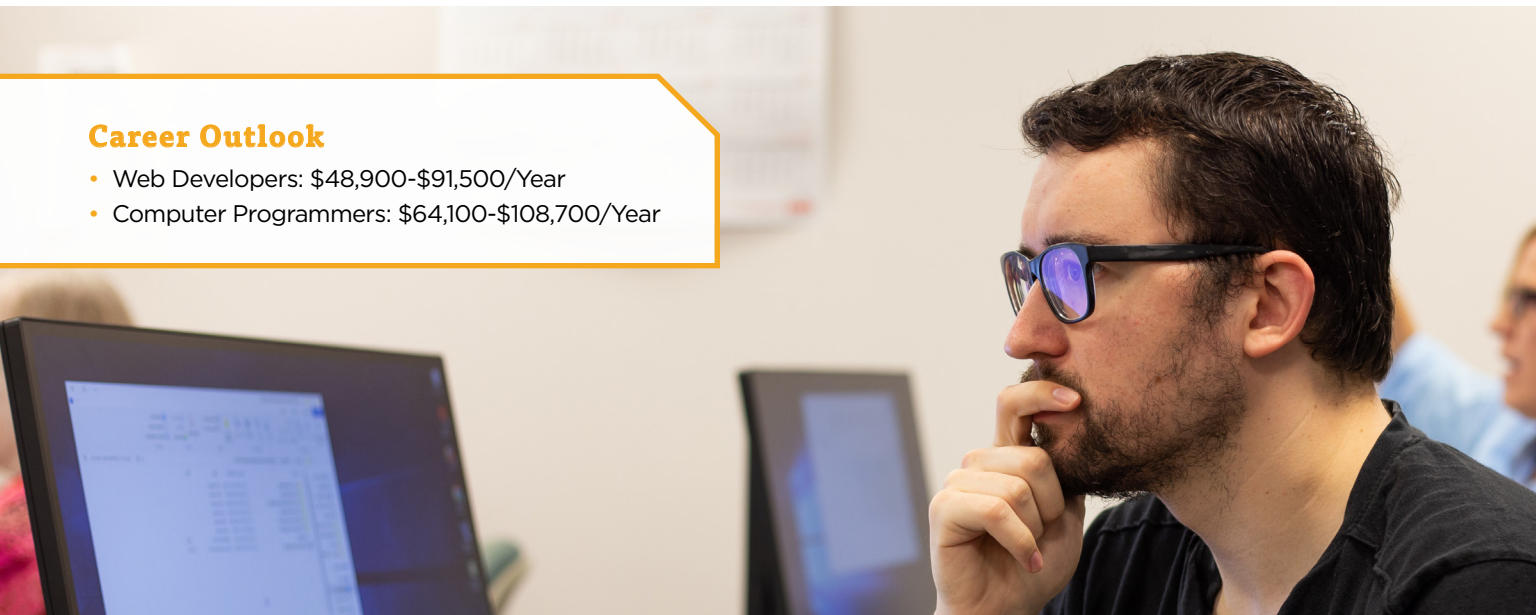
- Associate of Applied Business in Computer Software Development
- Associate of Applied Business in Computer Software Development - *Cybersecurity Option*
- Associate of Applied Business in Computer Software Development - *Web Development Option*

Certificates:

- Computer Programming Departmental certificate (*embedded in associate degree*)
- Web Development Departmental certificate (*embedded in associate degree*)

Career Outlook

- Web Developers: \$48,900-\$91,500/Year
- Computer Programmers: \$64,100-\$108,700/Year



Cybersecurity

The Cybersecurity degree prepares students to support the information security needs of businesses. Students in this program are prepared for multiple certifications including CompTIA (A+, Network+, Linux+, Security+, Project+), CISSP and Cisco Certified Network Associate (CCNA).

Upon successful completion of the program, students are able to:

- Identify cyber threats
- Implement and maintain proper security measures
- Respond to system intrusions
- Provide creative solutions to emerging risks

Cybersecurity students can increase their learning (and earning) potential by participating in the cooperative education work-experience program. This program allows students to spend up to two semesters gaining hands-on experience in the information technology field and earn college credits towards their degree.

Clark State College is proud to be designated by the Department of Homeland Security/National Security Agency as a “Center of Academic Excellence”. The designated Program of Study is the Cybersecurity AAS.

Degree:

- Associate of Applied Business degree in Cybersecurity

Certificates:

- Cybersecurity Short-Term Technical certificate (*embedded in associate degree*)
- Network Infrastructure Short-Term Technical certificate (*embedded in associate degree*)

Career Outlook

- Information Security Analysts: \$75,100-\$124,100/Year
- Computer Network Architects: \$83,100-\$135,700/Year



GIS/Geospatial Technology

Geospatial technology is a high-technology field with the significant job growth occurring in both the public and private sectors. Over the next ten years, careers for individuals with training in geographic information systems (GIS) and other geospatial technologies is expected to grow up to 20 percent, especially due to the commercial use of unmanned aerial systems (UAS).

Upon successful completion of the program, students are able to:

- Acquire geospatial information from a variety of sources
- Use, combine and manage geospatial data for a given purpose
- Interpret and analyze geospatial information
- Use geographic information system software for storage, manipulation and analysis of geospatial data

Degree:

- Associate of Applied Science in GIS/Geospatial Technology

Certificates:

- Geospatial Precision Agriculture Specialist Short-Term Technical certificate
- GIS Analyst Short-Term Technical certificate
- GIS Image Analyst Short-Term Technical certificate
- GIS Programming certificate
- UAS Operations and GIS Image Analysis Departmental certificate

Career Outlook

- Geographic Information Systems Technicians: \$54,000-\$107,600/Year
- Geospatial Information Scientists, Technologists: \$52,300-\$88,300/Year
- Geophysical Data Technicians: \$38,100-\$64,600/Year
- Cartographers and Photogrammetrists: \$53,400-\$79,600/Year



Graphic Design

Do you have a love of art and design? Creative problem solving? Use your talents in the field of visual communication with a degree in graphic design from Clark State! Graphic designers develop a variety of design solutions including advertising, product packaging, brochures, brand development, catalogs, editorial graphics, book covers, posters and more. Students in the program learn by doing.

Upon successful completion of the program, students are able to:

- Utilize industry standard software effectively for design.
- Professionally communicate ideas, concepts and design knowledge.
- Manage a design problem from conceptualization to a finished project.
- Design and present a professional portfolio.

Degree:

- Associate of Applied Business degree in Graphic Design

Graduating graphic design students wishing to further build their digital multimedia and web design skills could also receive an Associate of Applied Business in New Media by completing an additional 11 courses in the New Media curriculum.

Students wishing to obtain a bachelor's degree in graphic design can take MTH 1070 Quantitative Reasoning along with ART 1121 Drawing II and transfer to the Wright State University Lake Campus to complete the two additional years needed for a Bachelor of Technical and Applied Studies with a Graphic Design Concentration.



Career Outlook

- Desktop Publishers: \$33,300-\$57,000/Year
- Graphic Designers: \$39,200-\$66,800/Year
- Multimedia Artists and Animators: \$54,800-\$101,400/Year
- Art Directors: \$63,000-\$119,300/Year

New Media

With the expanding use of electronic devices, the internet, and social media outlets, the demand for workers with skills in New Media continues to grow. New media brings together web design and development, social media and digital content creation such as photography, video, audio and animation to create interactive experiences for computer users. Students with this degree can work in the field of Web Design and Development, User Experience Design, Social Media Marketing, Digital Marketing and Multimedia Content Production.

Upon successful completion of the program, students are able to:

- Design websites with usability in mind.
- Manage a new media design problem from conceptualization to finished project.
- Utilize industry standard software effectively for digital content creation.
- Use social media effectively as a strategic marketing tool.

Upon completion of the Associate of Applied Business degree in New Media – Web Design Option, students can continue to complete the Bachelor of Applied Science in Web Design and Development – Design Concentration at Clark State.

Degrees:

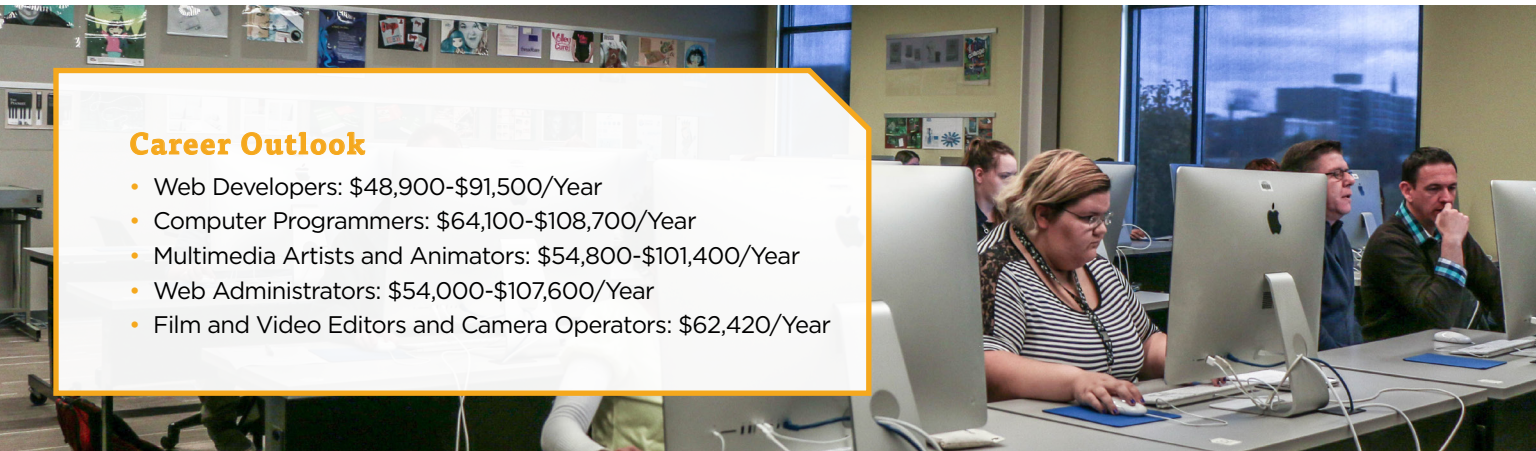
- Associate of Applied Business degree in New Media
- Associate of Applied Business degree in New Media – *Web Design Option*

Certificates:

- Social Media Marketing Departmental Certificate
- New Media Web Design Departmental Certificate

Career Outlook

- Web Developers: \$48,900-\$91,500/Year
- Computer Programmers: \$64,100-\$108,700/Year
- Multimedia Artists and Animators: \$54,800-\$101,400/Year
- Web Administrators: \$54,000-\$107,600/Year
- Film and Video Editors and Camera Operators: \$62,420/Year



Web Design and Development

Our Bachelor of Applied Science degree in Web Design and Development is a combination of front-end (Web Design) and back-end (Web Development) skills with an emphasis on experiential learning. Upon successful completion of this degree, students are prepared for employment as web developers, web designers, front-end developers, software developers and full-stack web developers.

Front-end Design

- Design responsive, user interfaces based on client or team specifications
- Creative problem solving and design based on industry standards and practices

Back-end Development

- Integrate programming and databases to support web applications
- Manage web server interactions and security

Bachelor Degree:

- Bachelor of Applied Science degree in Web Design and Development - *Web Development Option*
- Bachelor of Applied Science degree in Web Design and Development - *Web Design Option*



Career Outlook

- Web Developers: \$48,900-\$91,500/Year
- Web Administrators: \$54,000-\$107,600/Year
- Software Developers, Applications: \$82,900-\$138,500/Year
- Software Developers, Systems Software: \$82,900-\$138,500/Year



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