The Internet Technologies option prepares students to design, program, and maintain Internet-based services. With specializations in web programming and web server administration, this option will help prepare students for positions developing and maintaining interactive web sites.

General Education Core courses:
- ENG 101 Writing I
- MAT 126 Technical Algebra and Trigonometry (OR higher)
- Social Interaction Course
- Heritage/Humanities
- Natural Science Course

*All incoming freshmen are required to successfully complete FYE 105 within their first 18 hours. Note: This requirement does not apply to students transferring in to JCTC

Technical Core courses:
- CIT 105 Introduction to Computers
- CIT 111 Computer Hardware and Software
- CIT 120 Computational Thinking
- CIT 170 Database Design Fundamentals
- Level I Networking Course
- CIT 180 Security Fundamentals
- Level I Programming Language Course
- CIT 293 CIT Employability Studies (1 credit hour)

Note: Students seeking a degree at Jefferson Community & Technical College need to make sure that 25% of the classes that they take are classes offered by Jefferson Community and Technical College in order to meet the residency requirement.

Internet Technologies Track:
- Complete two of the following:
  - CIT 150 Internet Technologies OR
  - CIT 155 Web Page Development OR
  - CIT 157 Web Site Design and Production
  - CIT 257 Applied Internet Technologies OR
  - CIT 258 Internet Technologies Seminar

Completion of Internet Technologies Specialization Sequences

Choose from one of the following two Sequences:

Web Programming Specialization Sequence:
- Level I Web Programming Language
- Level II Web Programming Language
- CIT 171 SQL
- CIT 253 Data Driven Web Pages Topic

Web Administration Option Sequence:
- CIT 219 Internet Protocols
- CIT 255 Web Server Administration
- CIT 214 Microsoft Server Configuration AND
- CIT 215 Microsoft Server Administration

OR

- CIT 214 Microsoft Server Configuration AND
- CIT 216 Microsoft Server Advanced Services

OR

- CIT 217 UNIX/Linux Administration AND
- CIT 218 UNIX/Linux Net Infrastructure

For additional information contact
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