



Wayne
County
Community
College
District

INFORMATION TECHNOLOGY INSTITUTE/CIS PROGRAMS AT A GLANCE



<p>NETWORK ADMINISTRATOR CERTIFICATE Core Courses: CIS 110 Introduction to Computer Information Systems CT 211 Computer Networking I CIS 210 Introduction to UNIX Operating System CIS 240 Networking Essentials CT 210 Comp TIA A+ CIS 237 Cisco CCNA CIS 243 Network Security Fundamentals Program Information</p>	<p>APPLICATION DEVELOPER CERTIFICATE Core Courses: CIS 110 Introduction to Computer Information Systems CIS 241 Internet Foundations BUS 225 Computer Applications in Business CIS 207 Java Programming Language CIS 130 Introduction to Application Development CIS 215 IOS Web App Development CIS217 Android App Development CIS 220 Application Development Project Program Information</p>	<p>COMPUTER SUPPORT SPECIALIST CERTIFICATE Core Courses: CIS 210 Introduction to UNIX Operating CIS 240 Networking Essentials CT 210 Comp TIA A+ CT 211 Computer Networking I CIS 212 LINUX CIS 245 Wireless Networking CIS 249 Computer Support I CIS 248 Computer Support II Program Information</p>
<p>OFFICE INFORMATION SYSTEMS: OFFICE SPECIALIST CERTIFICATE Core Courses: OIS 227 Desktop Publishing I BUS 225 Computer Applications in Business OIS 280 Office Administration and Professional Development OIS 228 Desktop Publishing II OIS 251 Microsoft Word Specialist OIS 252 Microsoft Excel Specialist OIS 253 Microsoft PowerPoint Specialist OIS 254 Microsoft Access Specialist Program Information</p>	<p>DATABASE ADMINISTRATOR CERTIFICATE Core Courses: BUS 225 Computer Applications in Business CIS 112 Structured Design CIS 120 Introduction to Database Concepts CIS 203 Visual Basic Programming Language CIS 210 Introduction to UNIX Operating CIS 246 Oracle Database Administrator I CIS 240 Networking Essentials CIS 247 Oracle Database Administrator II OIS 254 Microsoft Access Specialist Program Information</p>	<p>WEBSITE DEVELOPER CERTIFICATE Core Courses: CIS 110 Introduction to Computer Information Systems CIS 112 Structured Design CIS 241 Internet Foundations BUS 228 Internet Web Page Design CIS 266 Introduction to Graphic Design CIS 213 Web Design Methodology and Technology CIS 267 Understanding and Developing Multimedia CIS 258 JavaScript/PERL CIS 250 E-Commerce Strategies and Practices Program Information</p>
<p>BUSINESS ANALYTICS CERTIFICATE Core Courses: CIS 110 Introduction to Computer Information Systems CIS 112 Structured Design BUS 161 Introduction to Big Data and Business Analytics MAT 113 Intermediate Algebra BUS 241 Business Analytics Software and Programming CIS 120 Introduction to Database Concepts CIS 207 Java Programming Language MAT 131 Descriptive Statistics BUS 261 Business Application of Big Data CIS 260 System Analysis and Design Program Information</p>	<p>VIDEO GAME DESIGN AND ANIMATION CERTIFICATE Core Courses: CIS 110 Introduction to Computer Information Systems VGD 268 Computer Games Foundations ART 115 Basic Drawing for Animation DMP 101 Story Elements for a Digital Environment CIS 266 Introduction to Graphic Design VGD 269 Introduction to 3D Graphics and Animation VGD 270 3D Character Development and Animation VGD 271 Introduction to 3D Design VGD 272 Texturing VGD 999 Computer Game Project Program Information</p>	<p>COMPUTER INFORMATION SYSTEMS AAS Core Courses: CIS 110 Introduction to Computer Information Systems CIS 112 Structured Design BUS 225 Computer Applications in Business CIS 203 Visual Basic Programming Language CIS 241 Internet Foundations CIS 207 Java Programming Language CIS 209 C Programming Language CIS 210 Introduction to UNIX Operating System CIS 212 LINUX Program Information</p>