<table>
<thead>
<tr>
<th>Developmental Studies: DRE 098, DMA 010-060</th>
<th>Pre-Requisites</th>
<th>Contact Hours</th>
<th>Credit Hours</th>
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<tr>
<td><strong>FALL I</strong></td>
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<tr>
<td>CIS 110 - Introduction to Computers</td>
<td>DRE 098, DMA 010-040</td>
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<tr>
<td>CTS 120 - Hardware/Software Support</td>
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<tr>
<td>CTI 110 - Web, Prog, &amp; Database Foundation</td>
<td>NONE</td>
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<tr>
<td>CTI 120 - Network and Security Foundation</td>
<td>NONE</td>
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<td>CTS 115 - Information Sys Business Concepts</td>
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<td><strong>SPRING I</strong></td>
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<tr>
<td>CTS 220 - Advanced Hardware/Software Supp.</td>
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<td>SEC 110 - Security Concepts</td>
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<tr>
<td>NET 125 - Introduction to Networks</td>
<td>NONE</td>
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<tr>
<td>IT Elective</td>
<td>Various</td>
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<td>ENG 111 - Writing and Inquiry</td>
<td>DRE 098</td>
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<td><strong>SUMMER I</strong></td>
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<td><strong>FALL II</strong></td>
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<td>MAT 121 - Algebra/Trig I</td>
<td>DMA 010-060</td>
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<td>Soc/Behav Sci</td>
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<td><strong>SPRING II</strong></td>
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<td>Hum/Fine Arts</td>
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<tr>
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</table>

**Total Hours for AAS – 72**

The Information Technology (IT) curriculum prepares graduates for employment in the technology sector as designers, testers, support technicians, system administrators, developers, or programmers who use computer software and/or hardware to design, process, implement and manage information systems in specialties such as database services, security, business intelligence, healthcare informatics and others depending on the technical path selected within this curriculum. Course work includes development of a student’s ability to create, store, communicate, exchange and use information to solve technical issues related to information support and services, interactive media, network systems, programming and software development, information security and other emerging technologies based on the selected area of study. Graduates should qualify for employment in entry-level positions with businesses, educational systems, and governmental agencies which rely on computer systems to design and manage information. The program will incorporate the competencies of industry-recognized certification exams.
## Communications Pick List:
COM 110, COM 120, COM 231, ENG 114

## Social/Behavioral Sciences Pick List:
ECO 151, ECO 251, ECO 252, POL 120, PSY 118, PSY 150, SOC 210, SOC 220, SOC 240

## Humanities/Fine Arts Pick List:
ART 111, HUM 110, HUM 115, MUS 110, PHI 230, PHI 240

### Information Technology Degree Program Electives:

<table>
<thead>
<tr>
<th>Course</th>
<th>Course Name</th>
<th>Pre-reqs</th>
<th>Contact Hours</th>
<th>Credit Hours</th>
<th>Associated Certificate</th>
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<tbody>
<tr>
<td>CCT 250</td>
<td>Network Vulnerabilities I</td>
<td>CTI 120 or NET 110</td>
<td>5</td>
<td>3</td>
<td>Info Systems Security</td>
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<tr>
<td>SEC 110</td>
<td>Security Concepts</td>
<td>NONE</td>
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<td>Info Systems Security</td>
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<td>SEC 160</td>
<td>Security Admin I</td>
<td>SEC 110 &amp; NET 110 or SEC 110 &amp; NET 125</td>
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<td>Info Systems Security</td>
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<td>CET 130</td>
<td>Operating Systems Principles</td>
<td>NONE</td>
<td>5</td>
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<td>Info Systems Security, Operating Systems Admin &amp; Virtualization Technology</td>
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<tr>
<td>CCT 260</td>
<td>Mobile Phone Examination</td>
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<td>CET 245</td>
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<td>TNE 255</td>
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<td>CET 130 or NOS 110 or CTS 220</td>
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<td>ELN 238</td>
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<td>TNE 255</td>
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<td>Intro to Programming &amp; Logic</td>
<td>DMA 010-040 OR MAT 121 OR MAT 171</td>
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<td>CSC 120</td>
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<td>CSC 130</td>
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<td>Course</td>
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<td>NET 126</td>
<td>Routing Basics</td>
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<td>NET 225</td>
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<td>NET 226</td>
<td>Routing &amp; Switching II</td>
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<td>WEB 213</td>
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<td>TNE 245</td>
<td>Network Perimeter Security</td>
<td>SEC 110 and NET 125</td>
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