

Course to Program Mapping Template

Program name System Administration Specialist Division Business Date 02/24/2015

Catalog year 2013-2014 Completed by William Hilliker

| Program-Level Student Learning Outcomes | Course # CIS 130 | Course # CIS 132 | Course # CIS 140 | Course # CIS 150/152 | Course # CIS 208 | Course # CIS 209 | Course # CIS 205 | Course # CIS 228 | Course # CIS 230 | Course # CIS 220 | Course # 234 | Course # IAS 103 |
|---|---------------------|---------------------|---------------------|-------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-----------------|---------------------|
| Identify different networking concepts, operating systems and computers that are used in today's businesses. | K | | | | K, C, Ap | K, C, Ap | | C, Ap | K, C, Ap | K | K, C, Ap | K |
| Recommend and implement a networking solution, operating systems and computers for different types of businesses. | | | K | | K, C, Ap | K, C, Ap | K, C | | K, C, Ap | K, C | K, C, Ap | K |
| Set-up and maintain different networks, operating systems and computers that are used in today's businesses. | | | | | K, C, Ap | K, C, Ap | | K, C, Ap | K, C, Ap | K | K, C, Ap | |

Use the following codes, based on Bloom's taxonomy, under each course number as appropriate: K=Knowledge level; C= Comprehension level; Ap= Application level; An=Analysis or above

*All core courses within the program should be included in the Program map.

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|--|--|--|------|--|----------|----------|------|----------|----------|----|----------|----------|
| Apply computer security to their networks, operating systems and computers that are used in today's businesses. | | | | | K, C | K, C | K, C | | K, C, Ap | | K, C, Ap | K, C, Ap |
| Upgrade, support and trouble-shoot networks, operating systems and computers that are used in today's businesses. | | | K, C | | K, C, Ap | K, C, Ap | | K | K, C, Ap | Ap | K, C, Ap | |
| Perform the day-to-day administration of a Windows, Linux and Web servers along with their computer workstations. | | | | | K, C, Ap | K | | | K, C, Ap | Ap | K, C, Ap | |
| Plan for the future and create a business plan for today's businesses as it affects their networks, operating systems and computers. | | | K | | K, C, Ap | K, C, Ap | K, C | K, C, Ap | K, C | | | K |

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| Demonstrate proficiency in the Microsoft Office Suite. | K, C, Ap | | | | | | Ap | K, C, Ap | Ap | | | |
| Utilize basic programming skills. | | K, C, Ap | | K, C, Ap | | | | | | | | |

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