

# Standards Correlations

## Healthcare Information Security

8339 - 36 weeks

| Task  | SOL Correlations  | HOSA Correlations |
|---|---|-------------------|
| <b>Demonstrating Personal Qualities and Abilities</b> |   |                   |
| Demonstrate creativity and innovation.                | <p>English: 6.1, 6.3, 6.4, 6.6, 6.7, 6.9, 7.1, 7.3, 7.4, 7.6, 7.7, 7.9, 8.1, 8.3, 8.4, 8.6, 8.7, 8.9, 9.1, 9.5, 9.6, 9.8, 10.1, 10.5, 10.6, 10.8, 11.1, 11.5, 11.6, 11.8, 12.1, 12.5, 12.6, 12.8</p> <p>History and Social Science: CE.1, CE.4, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WG.4, WHI.1, WHII.1</p> <p>Mathematics: 6.1, 6.2, 6.3, 6.4, 6.5, 6.6, 6.7, 6.10, 6.11, 6.12, 7.2, 7.3, 7.8, 7.9, 8.2, 8.4, 8.6, 8.7, 8.11, 8.12, 8.17, 8.18, A.9, AFDA.3, AFDA.4, AFDA.5, AFDA.6, AFDA.7, AFDA.8, AII.9, COM.1, COM.3, COM.4, COM.5, COM.8, DM.7, DM.1*, DM.10, DM.2*, DM.3*, PS.3*, PS.4*, PS.7*, PS.9*, PS.10*</p> <p>Science: 6.1, BIO.1, CH.1, ES.1, LS.1, PS.1</p> |                   |
| Demonstrate critical thinking and problem solving.    | <p>English: 6.1, 6.3, 6.4, 6.5, 6.6, 6.7, 6.9, 7.1, 7.3, 7.4, 7.5, 7.6, 7.7, 7.9, 8.1, 8.3, 8.4, 8.5, 8.6, 8.7, 8.9, 9.1, 9.5, 9.6, 9.8, 10.1, 10.5, 10.6, 10.8, 11.1, 11.5, 11.6, 11.8, 12.1, 12.5, 12.6, 12.8</p>   |                   |

| Task                                       | SOL Correlations  | HOSA Correlations |
|--|---|-------------------|
|  | History and Social Science: CE.1, CE.4, CE.11, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WG.4, WHI.1, WHII.1<br>Mathematics: 6.1, 6.2, 6.3, 6.4, 6.5, 6.6, 6.10, 6.11, 7.2, 7.3, 7.8, 7.12, 7.13, 8.2, 8.4, 8.8, 8.9, 8.10, 8.11, A.8, A.9, G.1, G.13, G.14, AFDA.3, AFDA.5, AFDA.8, AII.9, AII.10, AII.11, COM.1, COM.3, COM.4, COM.5, COM.8, DM.4, DM.7, DM.1*, DM.2*, DM.3*, DM.9*, PS.9*, PS.10*<br>Science: 6.1, BIO.1, CH.1, ES.1, LS.1, PS.1 |                   |
| Demonstrate initiative and self-direction. | English: 6.1, 6.4, 6.6, 6.7, 6.9, 7.1, 7.4, 7.6, 7.7, 7.9, 8.1, 8.4, 8.6, 8.7, 8.9, 9.1, 9.5, 9.6, 9.8, 10.1, 10.5, 10.6, 10.8, 11.1, 11.5, 11.6, 11.8, 12.1, 12.5, 12.6, 12.8<br>History and Social Science: CE.1, CE.4, CE.11, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1  |                   |
| Demonstrate integrity.                     | English: 6.1, 7.1, 8.1, 9.1, 9.5, 10.1, 10.5, 11.1, 11.5, 12.1, 12.5<br>History and Social Science: CE.1, CE.3, CE.4, GOVT.1, GOVT.16, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1  |                   |
| Demonstrate work ethic.                    | English: 6.1, 7.1, 8.1, 9.1, 10.1, 11.1, 12.1<br>History and Social Science: CE.1, CE.4, CE.14, GOVT.1, GOVT.16, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1<br>Science: CH.1   |                   |
| <b>Demonstrating Interpersonal Skills</b>  |   |                   |

| <b>Task</b>                                    | <b>SOL Correlations</b>   | <b>HOSA Correlations</b> |
|--|---|--------------------------|
| Demonstrate conflict-resolution skills.        | English: 6.1, 6.2, 6.4, 6.6, 6.7, 6.9, 7.1, 7.2, 7.4, 7.6, 7.7, 7.9, 8.1, 8.2, 8.4, 8.6, 8.7, 8.9, 9.1, 10.1, 11.1, 12.1<br>History and Social Science: CE.1, CE.4, GOVT.1, USI.1, VUS.1  |                          |
| Demonstrate listening and speaking skills.     | English: 6.1, 6.2, 6.4, 6.6, 7.1, 7.2, 7.4, 7.6, 8.1, 8.2, 8.4, 8.6, 9.1, 10.1, 11.1, 12.1<br>History and Social Science: CE.1, CE.4, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1   |                          |
| Demonstrate respect for diversity.             | English: 6.1, 7.1, 8.1, 9.1, 10.1, 11.1, 12.1<br>History and Social Science: CE.1, CE.3, CE.4, GOVT.1, GOVT.16, USI.1, USII.1, USII.9, VUS.1, VUS.13, WG.1, WHI.1, WHII.1   |                          |
| Demonstrate customer service skills.           | English: 6.1, 6.4, 6.7, 7.1, 7.4, 7.7, 8.1, 8.4, 8.7, 9.1, 9.5, 9.6, 10.1, 10.5, 10.6, 11.1, 11.5, 11.6, 12.1, 12.5, 12.6<br>History and Social Science: CE.1, CE.4, GOVT.1, GOVT.16, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 |                          |
| Collaborate with team members                  | English: 6.1, 7.1, 8.1, 9.1, 10.1, 11.1, 12.1<br>History and Social Science: CE.1, CE.3, CE.4, GOVT.1, GOVT.16, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1   |                          |
| <b>Demonstrating Professional Competencies</b> |   |                          |
| Demonstrate big-picture thinking.              | English: 6.1, 6.4, 7.1, 7.4, 8.1, 8.4, 9.1, 9.5, 10.1, 10.5, 11.1, 11.5, 12.1, 12.5   |                          |

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|   | History and Social Science: CE.1, CE.4, CE.12, GOVT.1, GOVT.15, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1  |                   |
| Demonstrate career- and life-management skills.   | English: 6.1, 6.7, 7.1, 7.7, 8.1, 8.7, 9.1, 9.6, 10.1, 10.6, 11.1, 11.6, 12.1, 12.6<br>History and Social Science: CE.1, CE.4, CE.12, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1<br>Mathematics: 8.4   |                   |
| Demonstrate continuous learning and adaptability. | English: 6.1, 6.4, 6.7, 6.9, 7.1, 7.4, 7.7, 7.9, 8.1, 8.4, 8.7, 8.9, 9.1, 9.5, 9.6, 9.8, 10.1, 10.5, 10.6, 10.8, 11.1, 11.5, 11.6, 11.8, 12.1, 12.5, 12.6, 12.8<br>History and Social Science: CE.1, CE.3, CE.4, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1<br>Science: BIO.1, CH.1, LS.1, PH.1, PH.4, PS.1  |                   |
| Manage time and resources.                        | English: 6.1, 6.2, 6.4, 6.7, 6.9, 7.1, 7.2, 7.4, 7.7, 7.9, 8.1, 8.2, 8.4, 8.7, 8.9, 9.1, 9.5, 9.6, 9.8, 10.1, 10.5, 10.6, 10.8, 11.2, 11.5, 11.6, 11.8, 12.2, 12.5, 12.6, 12.8<br>History and Social Science: CE.1, CE.4, CE.11, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1<br>Mathematics: 6.10, 6.11, 6.12, 7.2, 7.3, 7.8, 7.9, 7.10, 7.11, 7.12, 7.13, 8.4, 8.11, 8.12, 8.13, 8.14, 8.17, 8.18, A.4, A.5, A.8, A.9, AFDA.3, AFDA.4, AFDA.5, AFDA.6, AFDA.7, AFDA.8, COM.1, COM.3, COM.5, COM.8 |                   |
| Demonstrate information-literacy skills.          | English: 6.1, 6.2, 6.4, 6.6, 6.7, 6.9, 7.1, 7.2, 7.3, 7.4, 7.6, 7.7, 7.9, 8.1, 8.2, 8.3, 8.4, 8.6, 8.7, 8.9,   |                   |

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|  | 9.2, 9.5, 9.6, 9.8, 10.2, 10.5, 10.6, 10.8, 11.2, 11.5, 11.6, 11.8, 12.2, 12.5, 12.6, 12.8<br>History and Social Science: CE.1, CE.4, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1<br>Mathematics: 6.10, 6.11, 7.8, 7.9, 8.11, 8.12, A.8, A.9, AFDA.3, AFDA.4, AFDA.6, AFDA.7, AFDA.8, DM.8, PS.1*, PS.2*, PS.3*, PS.4*, PS.7*, PS.8*, PS.9*, PS.10*<br>Science: 6.1, BIO.1, CH.1, ES.1, LS.1, PH.1, PS.1 |                   |
| Demonstrate an understanding of information security.                      | English: 6.1, 6.2, 6.3, 6.4, 6.6, 6.7, 6.8, 6.9, 7.1, 7.2, 7.3, 7.4, 7.6, 7.7, 7.8, 7.9, 8.1, 8.2, 8.3, 8.4, 8.6, 8.7, 8.8, 8.9, 9.1, 9.2, 9.5, 9.6, 9.8, 10.1, 10.2, 10.5, 10.6, 10.8, 11.1, 11.2, 11.5, 11.6, 11.8, 12.1, 12.2, 12.5, 12.6, 12.8<br>History and Social Science: CE.1, CE.4, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1<br>Mathematics: COM.10   |                   |
| Maintain working knowledge of current information-technology (IT) systems. | English: 6.1, 6.3, 6.4, 6.6, 6.9, 7.1, 7.3, 7.4, 7.6, 7.9, 8.1, 8.3, 8.4, 8.6, 8.9<br>History and Social Science: CE.1, CE.4, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1<br>Mathematics: 7.8, COM.1, COM.2, COM.7, COM.9, COM.10, COM.11, COM.16, COM.18, PS.17<br>Science: BIO.1, CH.1, ES.1, PH.1   |                   |

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|---|---|-------------------|
| Demonstrate proficiency with technologies, tools, and machines common to a specific occupation. | History and Social Science: CE.1, CE.4, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1<br>Mathematics: 6.10, 6.11, 7.9, 8.4, A.7, A.8, A.9, AFDA.1, AFDA.3, AFDA.5, AII.4, AII.7, AII.9, COM.1, COM.7, COM.10, COM.11, COM.12, COM.16<br>Science: CH.1, ES.1, LS.1, PH.1, PS.1  |                   |
| Apply mathematical skills to job-specific tasks.  | English: 6.4, 6.6, 6.7, 7.4, 7.6, 7.7, 8.4, 8.6, 8.7, 9.5, 9.6, 10.5, 10.6, 11.5, 11.6, 12.5, 12.6<br>History and Social Science: CE.1, CE.4, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1<br>Mathematics: 6.1, 6.2, 6.5, 6.6, 6.12, 6.13, 6.14, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.8, 7.9, 7.11, 7.12, 7.13, 8.4, 8.5, 8.6, 8.8, 8.9, 8.10, 8.11, 8.12, 8.13, 8.14, 8.15, 8.16, 8.17, 8.18, A.1, A.3, A.4, A.5, A.7, A.8, A.9, AFDA.1, AFDA.3, AFDA.5, AFDA.8, AII.3, AII.7, AII.9, AII.10, COM.1, COM.7<br>Science: 6.1, BIO.1, CH.1, ES.1, LS.1, PH.1, PS.1 |                   |
| Demonstrate professionalism.  | English: 6.1, 7.1, 8.1, 9.1, 10.1, 11.1, 12.1<br>History and Social Science: CE.1, CE.4, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1   |                   |
| Demonstrate reading and writing skills.   | English: 6.1, 6.6, 6.7, 7.1, 7.6, 7.7, 8.1, 8.6, 8.7, 9.1, 9.5, 9.6, 9.7, 10.1, 10.5, 10.6, 10.7, 11.1, 11.5, 11.6, 11.7, 12.1, 12.5, 12.6, 12.7  |                   |

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|--|---|-------------------|
|  | History and Social Science: CE.1, CE.4, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1<br>Science: 6.1, PH.1, PS.1                                       |                   |
| Demonstrate workplace safety.  | English: 6.4, 7.4, 8.4, 9.5, 10.5, 11.5, 12.5<br>History and Social Science: CE.1, CE.4, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1<br>Science: CH.1 |                   |
| <b>Examining All Aspects of an Industry</b>  |   |                   |
| Examine aspects of planning within an industry/organization.                                 | History and Social Science: GOVT.16   |                   |
| Examine aspects of management within an industry/organization.                               |   |                   |
| Examine aspects of financial responsibility within an industry/organization.                 |   |                   |
| Examine technical and production skills required of workers within an industry/organization. |   |                   |
| Examine principles of technology that underlie an industry/organization.                     |   |                   |

| <b>Task</b>   | <b>SOL Correlations</b>             | <b>HOSA Correlations</b> |
|---|-------------------------------------|--------------------------|
| Examine labor issues related to an industry/organization.   | History and Social Science: GOVT.16 |                          |
| Examine community issues related to an industry/organization.   | History and Social Science: GOVT.16 |                          |
| Examine health, safety, and environmental issues related to an industry/organization.   | History and Social Science: GOVT.16 |                          |
| <b>Addressing Elements of Student Life</b>  |                                     |                          |
| Identify the purposes and goals of the student organization.  |                                     |                          |
| Explain the benefits and responsibilities of membership in the student organization as a student and in professional/civic organizations as an adult. |                                     |                          |
| Demonstrate leadership skills through participation in student organization activities, such as meetings, programs, and projects.                     |                                     |                          |
| Identify Internet safety issues and procedures for complying with acceptable use standards.   |                                     |                          |
| <b>Exploring Work-Based Learning</b>  |                                     |                          |



| Task   | SOL Correlations   | HOSA Correlations  |
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| Identify the types of work-based learning (WBL) opportunities.                                     |  |  |
| Reflect on lessons learned during the WBL experience.  |  |  |
| Explore career opportunities related to the WBL experience.  |  |  |
| Participate in a WBL experience, when appropriate.   |  |  |
| <b>Exploring HIPAA Basics</b>  |  |  |
| Describe the evolution of the Health Insurance Portability and Accountability Act of 1996 (HIPAA). | English: 11.5, 12.5<br>History and Social Science: VUS.13, WHII.14 | Health Science Events <ul style="list-style-type: none"> <li>Knowledge Test: Medical Law and Ethics</li> </ul> |
| Explain consumer rights under HIPAA.   | English: 11.5, 12.5  | Health Science Events <ul style="list-style-type: none"> <li>Knowledge Test: Medical Law and Ethics</li> </ul> |
| Outline the HIPAA Privacy Rule.  | English: 11.6, 12.6  | Health Science Events <ul style="list-style-type: none"> <li>Knowledge Test: Medical Law and Ethics</li> </ul> |
| Describe the Security Rule.  | English: 11.5, 12.5  | Health Science Events <ul style="list-style-type: none"> <li>Knowledge Test: Medical Law and Ethics</li> </ul> |
| Examine laws and regulations regarding the Privacy Rule and HIPAA.                                 |  | Health Science Events <ul style="list-style-type: none"> <li>Knowledge Test: Medical Law and Ethics</li> </ul> |

| <b>Task</b>  | <b>SOL Correlations</b>   | <b>HOSA Correlations</b>   |
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| Examine the enforcement of the Privacy and Security Rules and the penalties for noncompliance. | History and Social Science: VUS.13                                    | Health Science Events <ul style="list-style-type: none"> <li>Knowledge Test: Medical Law and Ethics</li> </ul> |
| Describe cybersecurity measures related to HIPAA.  | History and Social Science: VUS.13                                    | Health Science Events <ul style="list-style-type: none"> <li>Knowledge Test: Medical Law and Ethics</li> </ul> |
| Research special topics in health information privacy.   | English: 11.8, 12.8<br>History and Social Science: WHII.14            |  |
| Describe a business associate per the Privacy Rule.  | English: 11.3, 12.3   |  |
| Explain the principles of PHI.   | English: 11.5, 12.5<br>History and Social Science: VUS.13, WHII.14    | Health Science Events <ul style="list-style-type: none"> <li>Knowledge Test: Medical Law and Ethics</li> </ul> |
| Describe the general principles for use and disclosure under the Privacy Rule.                 | English: 11.3, 11.5, 12.3, 12.5<br>History and Social Science: VUS.13 | Health Science Events <ul style="list-style-type: none"> <li>Knowledge Test: Medical Law and Ethics</li> </ul> |
| Describe permitted use and disclosure.   |   |  |
| Describe authorized use and disclosures.   | English: 11.5, 11.6, 11.8, 12.5, 12.6, 12.8                           | Health Science Events <ul style="list-style-type: none"> <li>Knowledge Test: Medical Law and Ethics</li> </ul> |
| Activate Privacy and Security Training Games.  |   |  |
| <b>Configuring the Electronic Health Record (EHR)</b>  |   |  |

| <b>Task</b>  | <b>SOL Correlations</b>             | <b>HOSA Correlations</b>  |
|--|-------------------------------------|---|
| Outline the process of migration to an EHR.  | English: 11.6, 11.8, 12.6, 12.8     |   |
| Summarize the migration path from a paper health record to an EHR.   | English: 11.5, 12.5                 |   |
| Describe clinical decision support systems.  |                                     |   |
| Configure an EHR system to achieve features required for meaningful use.   |                                     |   |
| Describe the concepts of privacy and security as applied to the EHR.   | History and Social Science: WHII.14 | Health Science Event <ul style="list-style-type: none"> <li>• Knowledge Test: Medical Law and Ethics</li> </ul> |
| <b>Examining Vendor-Specific Systems</b>   |                                     |   |
| Describe the most common commercial EHR systems used in ambulatory and inpatient care settings.  | English: 11.5, 12.5                 |   |
| Describe the Certification Commission for Health Information Technology (CCHIT) and its role in the certification of commercial EHR systems. | English: 11.5, 12.5                 |   |
| Explain how organizations select EHR systems.  | English: 11.5, 12.5                 |   |

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| Describe the EHR functionality of a results review.  | English: 11.1, 12.1                                       |  |
| Demonstrate knowledge of system and database architectures used in commercial EHR systems. | History and Social Science: WHII.14                       |  |
| <b>Exploring Usability and Human Factors</b>   |   |  |
| Explain the importance of technology in health care.                                       | English: 11.5, 12.5<br>History and Social Science: WHII.4 | Health Science Events <ul style="list-style-type: none"> <li>• Knowledge Test: Medical Law and Ethics</li> </ul> |
| Explain key elements of customer service in health IT.                                     | English: 11.3, 11.5, 12.3, 12.5                           |  |