

G L E N C O E

Correlation

**Health Care Science Technology:
Career Foundations**

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Florida
Health Science 2
Grades 9 - 12

**CORRELATION
FLORIDA DEPARTMENT OF EDUCATION
COURSE DESCRIPTION**

SUBJECT: Health Science Education
COURSE NAME: Health Science 2
SUBMISSION TITLE: Health Care Science Technology: Career Foundations © 2004
PUBLISHER: Glencoe/McGraw-Hill
GRADE(S): 9-12

COURSE CODE NUMBER: 8417110

OUTCOME NUMBER	BENCHMARK NUMBER	INTENDED OUTCOME/BENCHMARK DESCRIPTION	PAGE(S) OR LOCATION(S) WHERE TAUGHT IN MAJOR TOOL	I/M*
6		DEMONSTRATE KNOWLEDGE OF THE HEALTH CARE DELIVERY SYSTEM AND HEALTH OCCUPATIONS--The student will be able to:		
6.01		Identify the basic components of the health care delivery system. (S)H3 (LA) A1.4 (H)A1.7, C1.2	SE: 24-51	I
6.02		Describe the various types of health care providers and the range of services available including resources to victims of domestic violence. (S)H3 (LA)A1.3 (H)A1.5, 2.3, 2.4, 2.2, B2.2	SE: 39-43, 433-437, 463-474, 537-545, 563-573, 587-592, 605-611, 631-639, 665-678, 687-700, 707-711, 753-758, 769-775, 799-807, 823-839, 851-858, 871-881, 901-908, 925-933, 945-949, 967-971 TAE: 436, 463, 465, 468, 471, 539, 544, 568, 569, 572, 590, 633, 635, 638, 673, 674, 697, 753, 756, 769, 771, 825, 830, 853, 856, 875, 878, 929, 933, 947	I
6.03		Describe the composition and functions of a health care team. (LA)A1.3 (H)C2.6, 1.2	SE: 383-384	M
6.04		Identify the general roles and responsibilities of the individual members of the health care team. (LA)A1.1 (H)B2.6	SE: 384, 389-390, 624 TAE: 388	M
6.05		Develop a basic understanding of human needs throughout the life-span. (LA)A1.4 (H)A1.3	SE: 253-284 TAE: 260, 266, 269, 279, 280, 282	I
6.06		Explain the importance of maintaining professional competence through continuing education. (S)H,ALL, (LA)A.1.4 (SS)A2.1	SE: 15, 383, 419	I
6.07		Describe trends affecting the delivery system of health care. (S)H3 (LA)A1.2 (H)A1.8, 2.1	SE: 32-38	I

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7		DEMONSTRATE THE ABILITY TO COMMUNICATE AND USE INTERPERSONAL SKILLS EFFECTIVELY--The student will be able to:		
7.01		Develop basic listening skills. (LA)C1.1	SE: 381, 382, 409-410, 544, 579 TAE: 544	I
7.02		Develop basic observational skills and related documentation strategies in written and oral form. (LA)C1.2 (H)C2.1	SE: 166, 322, 333, 334, 398, 411, 636, 773, 803, 830, 891	I
7.03		Identify characteristics of successful and unsuccessful communication including barriers. (LA)C1.3, 1.4, (H)B3.2, 3.3, 3.4, 3.5, (H)C2.2, 2.3	SE: 8, 94, 408-411, 442 TAE: 409, 442	I
7.04		Respond to verbal and non-verbal cues. (LA)C1.3, 1.4 (H)B3.1	SE: 408, 409, 544, 829	I
7.05		Compose written communication using correct spelling, grammar, and format. (LA)B1.1, 1.2, 1.3	SE: 166, 322, 398, 636, 773, 803, 891	I
7.06		Use appropriate medical terminology and abbreviations. (LA)B1.3	SE: 144-169, 322 TAE: 145, 150, 151, 156, 163	I
7.07		Recognize the importance of courtesy and respect for patients and other health care workers and maintain good interpersonal relationships. (LA)C1.3 (H)B3.2, 3.3, 3.4 C2.5	SE: 7, 381-383, 384, 426-427, 442, 478, 571, 579 TAE: 426	I
7.08		Recognize the importance of patient/client education regarding health care. (H)B3.4 C2.4	SE: 19, 35, 598, 804, 983, 985	I
7.09		Adapt communication skills to varied levels of understanding and cultural orientation. (LA)C1.4 (SS)A1.2 (H)B2.4, 3.4, 3.6	SE: 94, 245, 314, 334, 382, 409, 442, 478, 579, 801, 841 TAE: 314	M
7.10		Demonstrate telephone usage including taking messages. (LA) C1.1	SE: 411, 882- 885 TAE: 885	I
7.11		Demonstrate ability to give and follow directions. (LA)C1.1	SE: 94, 409-410, 442, and Procedures that include following instructions and giving explanations, such as 477, 480, 490, 493, 495, 553-554	I
7.12		Distinguish between factual reports and personal opinion. (LA)C2.1	SE: 411	M
7.13		Read and discuss technical material. (LA)A1.1,2,3,4	SE: 57, 85, 169, 247, 295, 319, 379, 405, 535, 585, 603, 629, 751, 765, 797, 821, 849, 921, 943, 965, 984, 987	I

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8		DEMONSTRATE LEGAL AND ETHICAL RESPONSIBILITIES -The student will be able to:		
8.01		Discuss the legal framework of the health care occupations. (LA)D1.1, 1.2, 1.3	SE: 385-395, TAE: 386, 388, 392	I
8.02		Explain the medical liability of health care workers. (LA)D1.1, 1.2, 1.3	SE: 389-390	I
8.03		Explain the patients' "Bill of Rights." (LA)D1.1, 1.2, 1.3	SE: 398, 399 TAE: 398	I
8.04		Describe a Code of Ethics consistent with the health care occupation. (LA)D1.1, 1.2, 1.3	SE: 385, 387-388	I
8.05		Discuss the importance of maintaining confidentiality of information, including computer information. (LA)D1.2	SE: 391-395, 413, 467, 903 TAE: 392	I
8.06		Recognize the limits of authority and responsibility of health care workers. (LA)D2.6	SE: 7, 389-390	I
8.07		Recognize and report illegal and unethical practices of health care workers. (LA)D2.6	SE: 385-395	M
8.08		Recognize and report abuse and neglect. (LA)D2.6	SE: 274-275	M
8.09		Recognize sexual harassment and domestic violence. (LA)D2.6	SE: 275, 427	M
9		DEMONSTRATE AN UNDERSTANDING OF AND APPLY WELLNESS AND DISEASE CONCEPTS--The student will be able to:		
9.01		Develop a basic understanding of the structure and function of the body systems. (S)F1.2 C2.6 (LA)A2.1	SE: 170-247 TAE: 171,175, 176, 178, 185, 195, 199, 211	I
9.02		Identify personal health practices and environmental factors which affect optimal function of each of the major body systems. (S)G2.6, D1.3, 1.4 (SS)A3.5 (LA) A2.1, (H)A1.4, 1.1 B1.1, 2.3	SE: 19, 95, 193, 198, 230, 242, 281, 306, 311, 331, 435, 487, 548, 594, 607, 638, 665, 717, 774, 814, 857, 878, 917, 982	I
9.03		Identify psychological reactions to illness including defense mechanisms. (LA)A2.1	SE: 442, 476, 578, 579	M
9.04		Recognize the steps in the grief process. (LA)2.1 (H)B3.8	SE: 283	I
9.05		Explain basic concepts of positive self image, wellness and stress. (LA)C1.3 (H)A1.9, 1.5	SE: 249, 274-275, 423, 567-568	M
9.06		Develop a wellness and stress control plan that can be used in personal and professional life. (S)D2.1 (LA)B1.2, 1.3 (H)A1.2 (H)B1.2, 1.3, 1.4 C1.4, 1.5, 1.6	SE: 422, 423, 567-568 TAE: 422, 423	I

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9.07		Explain the nutrition pyramid. (LA)C1.3 (H)A1.5, 1.9	SE: 297-319 TAE: 309	M
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10		RECOGNIZE AND PRACTICE SAFETY AND SECURITY PROCEDURES --The student will be able to:		
10.01		Demonstrate the safe use of medical equipment. (S)B1.1	SE: 73, 331, 336-338, 340-343, 455-456, 815-819, 935-941 TAE: 934	I
10.02		Recognize and report safety hazards. (LA)B2.1	SE: 53, 55-57, 941	M
10.03		Identify and practice security procedures for medical supplies and equipment.	SE: 53, 55-57, 941	M
10.04		Demonstrate proper body mechanics. (S)C1&S	SE: 62-66 TAE: 64	I
10.05		Demonstrate the procedure for properly identifying patients.	SE: 256, 578	M
10.06		Demonstrate procedures for the safe transport and transfer of patients. (S)C1&2	SE: 478-479, 496-502	I
10.07		Describe fire, safety, disaster and evacuation procedures. (S)C1&S (LA)B2.1	SE: 57-60 TAE: 58	I
11		RECOGNIZE AND RESPOND TO EMERGENCY SITUATIONS--The student will be able to:		
11.01		Monitor and record vital signs. (S)B1-3 (LA)B2.1	SE: 321, 333, 334-350 TAE: 321, 333	I
11.02		Describe legal parameters relating to the administration of emergency care. (LA)C3.1	SE: 89 TAE: 89, 102	M
11.03		Obtain and maintain CPR for basic rescuer or higher.	SE: 102-109, 143	I
11.04		Demonstrate basic understanding of first aid and emergency care. (H)B1.5, 3.7 A2.6	SE: 88-143 TAE: 91	I
11.05		Recognize adverse drug related emergencies and take appropriate first aid action. (H)B3.7, C.5	SE: 138-140, 594	I
12		RECOGNIZE AND PRACTICE INFECTION CONTROL PROCEDURES--The student will be able to:		
12.01		Demonstrate knowledge of medical asepsis and practice procedures such as hand-washing and isolation.	SE: 77-85, 950-951, 961-962	I
12.02		Demonstrate knowledge of surgical asepsis. (H)B1.1,2,3,4,5	SE: 78, 952-960 TAE: 953	I
12.03		Describe how to dispose correctly of biohazardous materials, according to appropriate government guidelines such as OSHA. (LA)C3.2	SE: 53, 55, 81, 550	M

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13		DEMONSTRATE COMPUTER LITERACY--The student will be able to:		
13.01		Define terms and demonstrate basic computer skills. (LA)C3.2	SE: 407, 412-413, 429, 838, 948 TAE: 407	M
13.02		Describe the uses of computers in health care (LA)C3.2 (H)B2.1	SE: 32-33, 394, 805, 838, 905, 948	M
14		DEMONSTRATE EMPLOYABILITY SKILLS --The student will be able to:		
14.01		Conduct a job search. (M)E1.1, (LA)A1.1,2,3	SE: 414-416, 420, 429	I
14.02		Secure information about a job. (LA)A1.1,2,3, B2.4	SE: 414-416, 420, 429	I
14.03		Identify documents that may be required when applying for a job. (LA)A1.1,2,3, B1.1, 1.3	SE: 416-418	I
14.04		Complete a job application form correctly. (LA)A1.2,3, B1.3	SE: 381, 383	M
14.05		Demonstrate competence in job interview techniques. (LA)C1,2,3	SE: 418-419, 429	I
14.06		Identify or demonstrate appropriate responses to criticism from employer, supervisor, or other persons. (H)B3.4,5, C2.1	SE: 381-383, 423, 598	M
14.07		Identify acceptable work habits. (LA)B2.2,4	SE: 8, 407, 421, 381, 383	I
14.08		Demonstrate knowledge of how to make job changes appropriately. (LA)B2.2,4	SE: 419-420	I
14.09		Demonstrate desirable health habits. (H)A1.3,4,5, A2.1,6, B1.1,2,5	SE: 19, 95, 193, 230, 242, 281, 306, 331, 361, 567, 638, 665, 717, 774, 814, 857, 878, 917	I
14.10		Recognize appropriate affective/professional behavior. (H)A2.6	SE: 421, 423, 424-425, 427	M
14.11		Write an appropriate resume. (LA)B1.1, 1.3 B2.2,4	SE: 416-417, 429	I
15		DEMONSTRATE KNOWLEDGE OF BLOOD BORNE DISEASES, INCLUDING AIDS--The student will be able to:		
15.01		Distinguish between fact and fallacy about the transmission and treatment of diseases caused by blood borne pathogens including Hepatitis B. (LA)A2.7	SE: 66-71, 73, 75-77, 80-82, 189	M
15.02		Identify community resources and services available to the individuals with diseases caused by blood borne pathogens. (S)G2.6 (LA)A2.7	SE: 275-276	M

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15.03		Identify "at risk" behaviors which promote the spread of diseases caused by blood borne pathogens and the public education necessary to combat the spread of these diseases. (LA)A2.6, (H)B3.7, C1.1	SE: 243-244, 275-276	M
15.04		Apply infection control techniques designed to prevent the spread of diseases to the care of <u>all</u> patients following Centers for Disease Control (CDC) guidelines. (H)B3.7	SE: 75-85	I
15.05		Demonstrate knowledge of the legal aspects of AIDS, including testing. (H)B1.2		
16		APPLY BASIC MATH AND SCIENCE SKILLS--The student will be able to:		
16.01		Draw, read, and report on graphs, charts and tables. (S)H2.3, (LA)B2.1, 2.2 (M)E1	SE: 295, 351, 875, 877, 885-887, 913-914	M
16.02		Measure time, temperature, distance, capacity, and mass/weight. (S)H1,2,3 (LA)B2.1, 2.2 (M)B3	SE: 285-292, 334-351, 377, 486-489, 557	I
16.03		Make and use measurements in both traditional and metric units. (S)H1.1, 1.2, (LA)B2.1, 2.2 (M)B3	SE: 285-292, 307, 324, 371-375, 488, 613, 671, 984	I
16.04		Make estimates and approximations and judge the reasonableness of the result. (S)H1,2,3 (LA)B2.1, 2.2 (M)A4, B2, B4	SE: 600	M
16.05		Convert from regular to 24 hour time. (S)H1,2,3 (LA)B2.1, 2.2	SE: 399	I
16.06		Demonstrate ability to evaluate and draw conclusions. (M)E2,3	SE: 51, 143, 353, 379, 461, 941	M
16.07		Organize and communicate the results obtained by observation and experimentation. (H)1, (LA)B2.4	SE: 75, 247, 353, 685, 705, 821	M
16.08		Ask appropriate scientific questions and recognize what is involved in experimental approaches to the solution of such questions. (M)E1, 2 (LA)B2.2	SE: 28, 87	M
16.09		Calculate ratios. (LA)B1.3 (M)A1,2,3	SE: 375-376, 841	M

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