



Scope and Sequence

<b>Cluster:</b>	Health Science		
<b>Course Name:</b>	Career Portals		
<b>Course Description:</b>	Students will explore college and career planning within one or more career clusters. The students will research labor market information, learn job-seeking skills, and create electronic portfolios. Students will use self-knowledge to explore and set realistic goals. The goal is to create a culture of high expectation and continuous improvement that prepares middle school students for challenging high school studies. Students need to understand that the concepts and skills gained in middle school provide the foundation for success in high school, future studies, and careers. Districts have the flexibility of offering career exploration knowledge and skills in a variety of instructional arrangements.		
<b>Course Requirements:</b>	This course is recommended for students in Grades 7-8.		
<b>Equipment &amp; Supplies:</b>	Required: Computer Lab/Classroom Server, TV/DVD player, Internet Access, Email, Laser Printer, Career Exploration and Planning Software		
	Recommended: Industry Lecturers/Guest Speakers		
<b>Units of Study</b>	<b>Knowledge and Skills</b>	<b>Student Expectations</b>	<b>Resources</b>
I. Career Exploration - Health Science			
A. Diagnostic B. Therapeutic C. Health Informatics D. Support Services E. Biotechnology Research and Development Systems	(1) The student explores one or more career clusters.	(A) identify the various career opportunities in one or more career clusters; and	<a href="http://achievetexas.org">http://achievetexas.org</a> <a href="http://careerclusters.org">http://careerclusters.org</a> <a href="http://texashotjobs.org">http://texashotjobs.org</a> <a href="http://www.acinet.org/acinet">http://www.acinet.org/acinet</a> <a href="http://www.careervoyages.gov">http://www.careervoyages.gov</a> <a href="http://www.techpreptexas.org">http://www.techpreptexas.org</a> <a href="http://online.onetcenter.org">http://online.onetcenter.org</a> <a href="http://www.bls.gov/oco">http://www.bls.gov/oco</a>
		(B) identify the pathways within one or more career clusters.	
	(2) The student explores pathways of interest within one or more career clusters.	(A) investigate career opportunities within the pathways;	
		(B) explore careers of personal interest;	
		(C) research the academic requirements for careers of personal interest;	
		(D) research the certification or educational requirements for careers of personal interest; and	
		(E) describe the technical-skill requirements for careers of personal interest.	

Units of Study	Knowledge and Skills	Student Expectations	Resources
II. Programs of Study - Health Science			
1. Biotechnology Research and Development 2. Clinical Lab Science 3. Dentistry 4. EMT 5. Environmental Science 6. Medical Administration 7. Medical Imaging 8. Medical Records 9. Mental Health 10. Nursing 11. Nutrition 12. Pharmacy 13. Physician 14. Special Technologies Services 15. Special Therapy Services 16. Speech Therapy	(3) The student explores programs of study.	(A) compare levels of education for careers of personal interest; (B) identify the academic and technical skills needed; and (C) develop a personal program of study for at least one career.	<a href="http://achievetexas.org">http://achievetexas.org</a>
III. Professional Skills			
	(4) The student explores the professional skills needed for college and career success.	(A) articulate the importance of strong academic skills to meet personal academic and career goals; (B) explore the importance of curricular, extracurricular, career preparation, and extended learning experiences; (C) develop a personal six- or eight-year achievement plan that incorporates rigorous academic and relevant enrichment courses; (D) explore the steps required to participate in a variety of career and educational opportunities, including, but not limited to, entry-level employment, military service, apprenticeships, community and technical colleges, and universities; (E) identify professional associations affiliated with a specified program of study; (F) employ effective leadership, teamwork, and conflict management; (G) recognize the value of community service and volunteerism; and	<a href="http://achievetexas.org">http://achievetexas.org</a> <a href="http://careerclusters.org">http://careerclusters.org</a> <a href="http://texashotjobs.org">http://texashotjobs.org</a> <a href="http://www.acinet.org/acinet">http://www.acinet.org/acinet</a> <a href="http://www.careervoyages.gov">http://www.careervoyages.gov</a> <a href="http://www.techpreptexas.org">http://www.techpreptexas.org</a> <a href="http://online.onetcenter.org">http://online.onetcenter.org</a> <a href="http://www.bls.gov/oco">http://www.bls.gov/oco</a>

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		(H) demonstrate characteristics required for personal and professional success, including work ethics, integrity, dedication, perseverance, and the ability to interact with a diverse population.	
IV. Marketing Self			
	(6) The student explores labor market information.	(A) analyze national, state, regional, and local labor market information; (B) cite evidence of high-skill, high-wage, or high-demand occupations based on analysis of labor market information; and (C) analyze the effects of changing employment trends, societal needs, and economic conditions on career planning.	
V. Job Seeking Skills			
A. Job Search B. Interview Skills C. Resume D. Correspondence	(7) The student explores job-seeking skills.  (8) The student creates professional documents required for employment.	(A) identify the steps for an effective job search; (B) describe appropriate appearance for an interview; and (C) participate in a mock interview.  (A) develop a resume; (B) write appropriate business correspondence such as a letter of intent and a thank you letter; (C) complete sample job applications; and (D) explain protocol for use of references.	<a href="http://www.ed.gov/pubs/OR/ConsumerGuides/classuse.html">http://www.ed.gov/pubs/OR/ConsumerGuides/classuse.html</a>  <a href="http://amby.com/kimeldorf/portfolio/p_mk-08.htm">http://amby.com/kimeldorf/portfolio/p_mk-08.htm</a>
VI. Money Management			
A. Banking Services B. Forms of Credit C. Credit Scores D. Identity Theft	(5) The student understands personal financial management and recognizes the value of personal fiscal responsibility.	(A) compare and contrast different types of banking services;  (B) open and maintain different types of simulated bank accounts; (C) practice different methods of withdrawing and depositing funds; (D) reconcile bank statements, including fees and services;  (E) compare and contrast forms of credit, including credit cards and debit cards; (F) list the qualifications and procedures to obtain and improve credit scores;	<a href="http://www.cdr.state.tx.us/realitycheck">http://www.cdr.state.tx.us/realitycheck</a>

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		(G) discuss the impact of identity theft on credit; and	
		(H) examine the effects of poor credit scores as they relate to personal finance and career opportunities.	

**Resources Books:**

Foundation	Health Care Science Technology: Career Foundations, Glencoe/McGraw Hill.	78294126
HCT	Health Careers Today, Elsevier/Mosby & Saunders.	032301867X
Intro	Introduction to Health Occupations: Today's Health Care Worker, Pearson/Prentice Hall.	131836927
IHST	Introduction to Health Science Technology, Delmar Learning.	1401811280

**Resources Web Sites:**

Achieve Texas	<a href="http://achievetexas.org">http://achievetexas.org</a>
America's Career InfoNet	<a href="http://www.acinet.org/acinet">http://www.acinet.org/acinet</a>
Career Voyages	<a href="http://www.careervoyages.gov">http://www.careervoyages.gov</a>
Occupational Outlook Handbook	<a href="http://www.bls.gov/oco">http://www.bls.gov/oco</a>
ONET	<a href="http://online.onetcenter.org">http://online.onetcenter.org</a>
Reality Check	<a href="http://www.cdr.state.tx.us/realitycheck">http://www.cdr.state.tx.us/realitycheck</a>
States' Career Clusters	<a href="http://careerclusters.org">http://careerclusters.org</a>
Student Portfolios	<a href="http://www.ed.gov/pubs/OR/ConsumerGuides/classuse.html">http://www.ed.gov/pubs/OR/ConsumerGuides/classuse.html</a>
TechPrep Texas	<a href="http://www.techpreptexas.org">http://www.techpreptexas.org</a>
Texas H.O.T. Jobs	<a href="http://texashotjobs.org">http://texashotjobs.org</a>