Introduction to Health Careers: Instructional Materials

Valerie Fisher, RN, MA

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Introduction to Health Careers Lesson Plan

Mission: High school students will explore career opportunities available in the healthcare industry.

Analysis: High school students are rarely prepared for a college course of study in an allied health or nursing professions partly due to their lack of knowledge of career opportunities in the healthcare sector.

Design: Students will explore a variety of health professions by watching YouTube videos, and visiting health career websites to determine personal areas of interest. In addition, a Power Point with lecture will be presented to guide students in the process of career selection. Evaluation will be accomplished with a matching game of occupations and a quiz. Each student will have also completed a personalized Student Educational Plan to assist them in achieving their career goals.

Development: All instructional materials are available by contacting the author: valerief@cos.edu

Implementation: This program will now be made available to high school teachers interested in educating their students on career opportunities in the field of health.
<table>
<thead>
<tr>
<th>Objectives</th>
<th>Content Outline</th>
<th>Methods of Instruction</th>
<th>Time</th>
<th>Materials</th>
<th>Evaluation</th>
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</thead>
<tbody>
<tr>
<td>1. Identify and label at least 30 health occupations or titles within the healthcare industry.</td>
<td>Definition of health occupations</td>
<td>Lecture YouTube Videos</td>
<td>20 mins</td>
<td>YouTube Videos</td>
<td>Quiz</td>
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<tr>
<td>2. Classify and compile a list of health occupations by the 5 subheadings.</td>
<td>Sorting occupations by category</td>
<td>Lecture Power Point</td>
<td>35 mins</td>
<td>Power Point</td>
<td>Matching Game Quiz</td>
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<td>3. Select, analyze and evaluate at least 3 health occupations on the Career Success Map.</td>
<td>Examining career pathway options</td>
<td>Lecture Hand out - Career Success Map Graphic</td>
<td>10 mins</td>
<td>Quiz</td>
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<td>4. Compare and contrast at least 2 health occupations by occupational characteristics, primary job duties, employment opportunities, salary ranges and educational requirements.</td>
<td>Compiling, selecting and refining information relevant to self-goals.</td>
<td>Cooperative Learning Student may choose any or all of the materials share to date or they may find additional information via online searches.</td>
<td>45 mins</td>
<td>Quiz</td>
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<tr>
<td>5. Complete a student educational plan from high school to 2 - 4 years of post-secondary instruction for your selected health career.</td>
<td>Following a plan can lead to success!</td>
<td>Lecture &amp; Instructions Handouts: Your Future &amp; Student Educational Plan Forms</td>
<td>55 mins</td>
<td>Completion of Student Educational Plan Form</td>
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Copies can be downloaded from: http://www.certicc.org/futuresOrderPage.aspx

Your Future! Plan Ahead, Make High School Count

Visit www.californiacolleges.edu and www.scholarshare.com for planning and financial aid information

Take Control of Your Future!
Do you want more knowledge, more job opportunities, and a lot more money? College is for you! The world is changing everyday and it is harder to find well paying jobs if you do not have a college degree... so if you want the freedom to choose a good career and earn a high salary, then you should start preparing for college while you are still in middle school.

Be Prepared
Right now is the best time to prepare for college. During the next four years, you need to take the right courses, including Algebra in the 8th grade, to help you get into the college that best suits your needs. The chart below lists the minimum courses that are required for freshman admission to the California State University, the University of California, and many independent colleges and universities. This pattern of courses is the same as recommended for community colleges. Talk to your counselors and teachers and use this chart to plan ahead and track your progress!

<table>
<thead>
<tr>
<th>Requirements (a-g courses)</th>
<th>Years Required</th>
<th>7th</th>
<th>8th</th>
<th>9th</th>
<th>10th</th>
<th>11th</th>
<th>12th</th>
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<tr>
<td>A. History/Social Science</td>
<td>2 years. One year U.S. History or 1/2 year IL. History and 1/2 year of U.S. Civics or American Government. CSI requires one additional year of Social Science. UC requires one additional year of World History, Culture and Geography. UC requires one year of History/Social Science completed by the end of the 11th grade.</td>
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<td>B. English</td>
<td>4 years of college preparatory English composition and literature. UC requires a minimum of two years of English—three preferable—completed by the end of the 10th grade.</td>
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<td>C. Mathematics</td>
<td>3 years. Four years recommended. Algebra in the 8th grade recommended. UC recommends four years of college-preparatory mathematics that include the topics covered in elementary and advanced algebra and two- and three-dimensional geometry.</td>
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<tr>
<td>D. Laboratory Science</td>
<td>2 years. CSI requires one year of Biological Science and one year of Physical Science. UC recommends three years with at least two of the following: Biology, Chemistry, Physics. UC requires at least one year of Laboratory Science to be completed by the end of the 11th grade.</td>
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<td>E. Language Other Than English</td>
<td>2 years. UC recommends three years. American Sign Language is acceptable. UC requires one year to be completed by the end of the 11th grade.</td>
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<td>F. Visual &amp; Performing Arts</td>
<td>1 year of the same course.</td>
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<td>G. College Preparatory Electives</td>
<td>1 additional year of academic courses in any of the above a-g areas or a year of another approved alternative elective.</td>
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## Student Educational Plan (SEP)

### Student Information
- **Name:** (Last) (First) (MI)
- **ID#:**
- **Counselor:**
  - Career Goal
  - Major/Code
  - Catalog Year
  - Certificate
  - AA/AS/AA/Transferable Units
  - BA/BS
  - Transfer To

### Placement Test
- Initial class placement is based on multiple criteria. If you have questions regarding your placement, consult your counselor.

### Writing, Reading, Math
- **Writing:**
- **Reading:** English 260 → English 262 → English 126 → English 1A
- **Math:** Math 260 series or 250 → 255 → 201 → 102/103 → Transfer Math

### Placement Plan

#### FCC General Education Completed

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#### CSU General Education Completed

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#### IGETC General Education Completed

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### Fall/Spring/SS 20__ U

- **Total Units:**
- **Transfer Units Total:**

### Student Support Services Referrals
1) 2) 3)

### Comments

I have been advised to the course(s) of study necessary in reaching my stated goal. If I need further information, I may see a counselor to revise/update this student education plan.

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**Counselor Signature**

**Student Signature**

**Date**
HEALTH CARE & HEALTH SCIENCES CAREER PATHWAYS

By Valerie Fisher, RN, MA
June 2015

See attached PowerPoint Presentation “Intro to Health Careers”
Health Science Career You Tube Videos:


**Alcohol and Drug Studies:**

[https://www.youtube.com/watch?v=c6IC4SR8fMg](https://www.youtube.com/watch?v=c6IC4SR8fMg)

**Athletic Trainer:**

[https://www.youtube.com/watch?v=6F042gF9KyA](https://www.youtube.com/watch?v=6F042gF9KyA)

**Cardiovascular Technician:**

[https://www.youtube.com/watch?v=EpS2kc4bAPE&index=67&list=PLirgxJFbtsml2Ak2p3HhK7g2vsq1uyFRB](https://www.youtube.com/watch?v=EpS2kc4bAPE&index=67&list=PLirgxJFbtsml2Ak2p3HhK7g2vsq1uyFRB)

**Certified Nurse Assistant:**

[https://www.youtube.com/watch?v=fRjiNpjnxjYo](https://www.youtube.com/watch?v=fRjiNpjnxjYo)

**Community Health Care Worker:**

[https://www.youtube.com/watch?v=8mWs3yILORs](https://www.youtube.com/watch?v=8mWs3yILORs)

**Dental Assistant:**

[https://www.youtube.com/watch?v=0MDAitk6x-Q&list=PL9E830E5A365A88FE&index=47](https://www.youtube.com/watch?v=0MDAitk6x-Q&list=PL9E830E5A365A88FE&index=47)

**Dental Hygienist:**

[https://www.youtube.com/watch?v=WQROKfxHNeI](https://www.youtube.com/watch?v=WQROKfxHNeI)

**Dental Laboratory Technician:**

[https://www.youtube.com/watch?v=HbEiCaIAoX4](https://www.youtube.com/watch?v=HbEiCaIAoX4)

**Diagnostic Medical Sonographer:**

[https://www.youtube.com/watch?v=I-udHxQ2BPO&list=PL9E830E5A365A88FE&index=32](https://www.youtube.com/watch?v=I-udHxQ2BPO&list=PL9E830E5A365A88FE&index=32)

**Dietetic Technician:**

[https://www.youtube.com/watch?v=_PqoU7A-Zow](https://www.youtube.com/watch?v=_PqoU7A-Zow)

**Disabilities Services:**

[https://www.youtube.com/watch?v=MNiaR4FQqE4](https://www.youtube.com/watch?v=MNiaR4FQqE4)

**EKG Technician:**
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https://www.youtube.com/watch?v=F2yECAeBXbM

**Electro-Neurodiagnostic (END) technology:**
https://www.youtube.com/watch?v=KCHDTkKKvFE

**Emergency Medical Services:**
https://www.youtube.com/watch?v=8Gh9djCMQdI&list=PL9E830E5A365A88FE&index=160

**Gerontology:**
https://www.youtube.com/watch?v=135uCWSG3N0

**Health Care Management:**
https://www.youtube.com/watch?v=iCMMtfr5MyE

**Health Information Coder:**
https://www.youtube.com/watch?v=L9BC_9whAu4

**Health Information Technician:**
https://www.youtube.com/watch?v=Kl3_HnmPP_w&list=PL9E830E5A365A88FE&index=167

**Health Unit Coordinator:**
https://www.youtube.com/watch?v=D0tnK8FzRHE

**Healthcare Interpreting:**
https://www.youtube.com/watch?v=Z3R15E39qxE

**Home Health Aide:**
https://www.youtube.com/watch?v=DXDJTnD0fMg&list=PL9E830E5A365A88FE&index=92

**Hospital Central Service Technician:**
https://www.youtube.com/watch?v=5uwAgmzLl2k

**Human Services:**
https://www.youtube.com/watch?v=JPTUATAwvBU

**Licensed Vocational Nurse:**
https://www.youtube.com/watch?v=eTwzPRJEfN8

**Massage Therapist:**
https://www.youtube.com/watch?v=-6nyC0UwI5M

Medical Assistant:
https://www.youtube.com/watch?v=YPyXo9AzKpo&list=PL9E830E5A365A88FE&index=129

Medical Assistant, Administrative:
https://www.youtube.com/watch?v=2fXPKEuyXoo

Medical Assistant, Clinical:
https://www.youtube.com/watch?v=NwJ71OX8vXE

Medical Laboratory Technician:
https://www.youtube.com/watch?v=AqNAxCyTh-c&list=PLirgxJFbtsml2Ak2p3HhK7q2vsq1uyFRB&index=64

Medical Transcriptionist:
https://www.youtube.com/watch?v=2CKYwv-ednM

Mortuary Science:
https://www.youtube.com/watch?v=WvAtcM4vMuc

Occupational Therapy Assistant:
https://www.youtube.com/watch?v=T79Mpt6NY6o
https://www.youtube.com/watch?v=_dMOYxs8Qaw

Orthopedic Assistant:
https://www.youtube.com/watch?v=mkv7RFSaeEg

Paramedic:
https://www.youtube.com/watch?v=Bl29bHMJQz8

Personal Care Assistant/Caregiver:
https://www.youtube.com/watch?v=0sYKwMRx2xo

Pharmacy Technician:
https://www.youtube.com/watch?v=OSBufoTaoAw

Phlebotomist:
https://www.youtube.com/watch?v=JSpKAn1-6-g
Physical Therapy Assistant:
https://www.youtube.com/watch?v=r35FQT3u0J4

Physician Assistant:
https://www.youtube.com/watch?v=vjvUx6EGhgA

Polysomnography:
https://www.youtube.com/watch?v=tQ6 Ba8CQ7E

Psychiatric Technician:
https://www.youtube.com/watch?v=BbOc8nJWpHc&list=PL9E830E5A365A88FE&index=154

Radiation Therapist:
https://www.youtube.com/watch?v=EraKlnPYZfc

Radiologic Technology:
https://www.youtube.com/watch?v=Pn7XSj3vPIc&index=79&list=PL9E830E5A365A88FE

Registered Nurse:
https://www.youtube.com/watch?v=opnEVwoV-2I&index=125&list=PL9E830E5A365A88FE

Respiratory Care Practitioner:
https://www.youtube.com/watch?v=CgfAurSqZnw

Speech Language Pathologist:
https://www.youtube.com/watch?v=NfKempm0l3M

Surgical Technician:
https://www.youtube.com/watch?v=oRa6oLwz4zU

Health Careers – in general:
https://www.youtube.com/watch?v=fvkCs_63HSM
References


