

Course Title: Advanced Health Seminar

Unit:1	Project Proposal
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Content Standard(s) and Depth of Knowledge Level(s):	<p>Students will:</p> <ol style="list-style-type: none"> 1. Create a formal project proposal that communicates specific concepts, processes, or products related to a chosen career pathway. Examples: pathways – Diagnostic Services, Therapeutic Services, Health Informatics, Biotechnology Research and Development.
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Learning Objective(s) and Depth of Knowledge Level(s):	<p>Students will:</p> <ol style="list-style-type: none"> 1. Develop a formal project proposal that communicates specific concepts, processes, or products related to a chosen career pathway. 2. Select a topic focusing on a chosen career pathway which can be developed and explained with research. 3. Collaborate with facilitator, community partners, business partners and other outside individuals in the development of the proposal. 4. Formulate core questions and concerns about a topic or areas of interest and organize and conduct a process to produce a solution to an identified issue or problem.
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Essential Question(s):	What concepts, processes, or products are related to the chosen career pathway?
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Content Knowledge	Suggested Instructional Activities Rigor & Relevance Framework (Quadrant)	Suggested Materials, Equipment and Technology Resources
<ol style="list-style-type: none"> 1. Conceptualization of project <ol style="list-style-type: none"> a. Exploration b. Problem Identification c. Forming Hypothesis 2. Investigate issue <ol style="list-style-type: none"> a. Literature Search b. Interviews c. Library and database 	Literature Search Database search Interviews Library	Equipment and Technology Resources Journals Internet Job Shadowing Computer Research

Unit Assessment:	Proposal document
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Unit/Course CTSO Activity:	N/A
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Unit/Course Culminating Product:	Proposal document communicating specific concepts, processes and/or products related to a chosen career pathway.
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Course/Program Credential(s): Credential Certificate Postsecondary Degree University Degree
 Other:

Course Title: Advanced Health Seminar

Unit:2	Research
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Content Standard(s) and Depth of Knowledge Level(s):	<p>Students will:</p> <ol style="list-style-type: none"> 2. Utilize skills needed for independent research related to a chosen health career. 3. Construct graphs, charts, and tables to organize collected data for supporting a project. 4. Utilize communications and technology skills to access, process, and retrieve information related to a selected health career plan. 5. Produce an original project, including conceptualization, refinement of ideas, and evaluation of process and product. 6. Write a well-organized research paper related to a chosen health career. 7. Develop a presentation using project findings and conclusions.
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Learning Objective(s) and Depth of Knowledge Level(s):	<p>Students will:</p> <ol style="list-style-type: none"> 1. Perform skills needed for independent research related to a chosen health career. 2. Develop graphs, charts, and tables to organize collected data for supporting a project. 3. Use communication and technology skills to access, process, and retrieve information related to a selected health career plan. 4. Analyze and evaluate scientific explanations using empirical evidence, logical reasoning and experimental and observational testing. 5. Utilize critical thinking, scientific reasoning and problem solving skills to make informed decisions.
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Essential Question(s):	What concepts, processes, or products are related to chosen career pathway?
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Content Knowledge	Suggested Instructional Activities Rigor & Relevance Framework (Quadrant)	Suggested Materials, Equipment and Technology Resources
<ol style="list-style-type: none"> I. Scientific Method <ol style="list-style-type: none"> A. Investigative (research) the problem. B. Form a hypothesis. C. Design experimentation D. Conduct experimentation and collect data E. Analyze the data and form conclusions F. Report the results. 	Literature Review Discussion Working portfolio Project-based learning	Internet/Search engines Technical Journal Science News Media Interviews Textbooks Video

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Unit Assessment:	Review of project/proposal paper, Lead Questions
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Unit/Course CTSO Activity:	HOSA Bowl
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Unit/Course Culminating Product:	Presentation of Project
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Course/Program Credential(s): <input type="checkbox"/> Credential <input type="checkbox"/> Certificate <input type="checkbox"/> Postsecondary Degree <input type="checkbox"/> University Degree <input type="checkbox"/> Other:

Course Title: Advanced Health Seminar

Unit:3	Project
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Content Standard(s) and Depth of Knowledge Level(s):	<p>Student will:</p> <ol style="list-style-type: none"> 5. Produce an original project, including conceptualization, refinement of ideas, and evaluation of the process and products. 6. Write a well-organized research paper related to a chosen health career. 7. Develop a presentation using project findings and conclusions. <p>Examples: producing a digital presentation, making a speech, creating a documentary, presenting a project model and explanation.</p>
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Learning Objective(s) and Depth of Knowledge Level(s):	<p>Students will:</p> <ol style="list-style-type: none"> 1. Develop an original project, including conceptualization, refinement of ideas, and evaluation of the process and products. 2. Construct a well-organized research paper related to a chosen health career. 3. Produce a presentation using project findings and conclusions.
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Essential Question(s):	What concepts, process, or products to chosen career pathway?
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Content Knowledge	Suggested Instructional Activities Rigor & Relevance Framework (Quadrant)	Suggested Materials, Equipment and Technology Resources
<ol style="list-style-type: none"> 1. Design Experimentation 2. Conduct Experimentation 3. Gather Data 4. Analysis, Form Conclusions 5. Report Results 	<p>Research Worksheets/graphs/charts/tables</p>	<p>Internet Software Textbooks Technology Display</p>

Unit Assessment:	Review of Project
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Unit/Course CTSO Activity:	HOSA Bowl
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Unit/Course Culminating Product:	Presentation of Project/Paper
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Course/Program Credential(s): Credential X Certificate Postsecondary Degree University Degree
 Other: