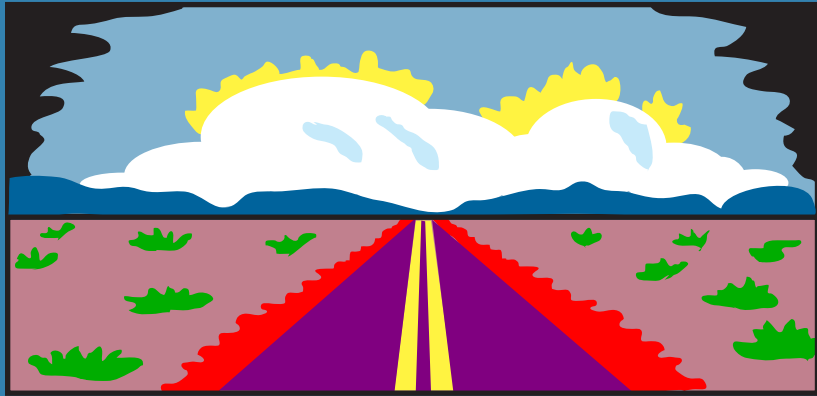


Place this entire packet in your Senior Project Portfolio

Class of 2012
Senior Project • Junior Proposal



“Make the Most of Your Journey”

This Junior Packet belongs to: _____ Shop: _____

Sign-Off on or before 5/19 Technical Instructor: _____

Sign-Off on or before 5/26 English Instructor: _____

Return on or before 5/31 to Technical Instructor for summer storage

Copies of this book may be downloaded from the school’s website~www.capetech.us

Choosing a Topic for Senior Project:

Tangible Demonstration or Service Based Project - which is best for YOU?

What are you Interested in or Curious About?

Product:

- A "hands-on" tangible demonstration of the student's technical skills that incorporates renewable energy and green / recycle components.
- A community service based project where the student utilizes their technical expertise to benefit their community or a **non-profit agency**.

Paper:

- Research to answer a question, gain understanding of an interesting topic, draw a conclusion or compare and contrast various elements of their topic.
- You must be able to connect the product and the paper to each other.

Keep in Mind - Samples of Unacceptable Products: These will not be approved.

- Power Points: By itself, a Power Point is not a product. You may utilize a power point, that you develop, as part of a larger project idea.
- Brochures: You may need to create a brochure as a tool or means of sharing information within the larger scope of your product. However, a brochure in isolation is not an acceptable project.
- Posters and small non-working models: Again, by themselves posters and non-working models do not allow a student to demonstrate their technical skills. Students may incorporate posters or models as part of their larger product ideas.

**When in doubt, check with your Technical Instructor, English Teacher
and/or the Senior Project Coordinator
if you have any questions as to the viability of your product or paper ideas.**

Cape Cod Tech requires seniors to consider the safety factor when selecting their project and product, and to consider an alternative choice, rather than a project involving danger to themselves or others.

Senior Project is your opportunity to demonstrate mastery of the technical, academic, and social/employability skills you have been acquiring while at Cape Cod Tech. Your Senior Project should be a learning stretch for you and not part of your shop curriculum. This is your chance to select a topic of investigation that you would like to know more about. We hope you enjoy the journey!

Estimated Product Cost

The school's website also has an interactive Excel spreadsheet available.

Suggested Tips:

Plan for items you may need to borrow, and attach an estimates value for each item.
 You may also request donated items, but again attach an estimated value for each item.
 Donated items from major companies need plenty of lead time, or official requests on school letterhead.
 Be sure to plan FAR IN ADVANCE for any potential donations and/or customers.

First Topic Proposal: _____

Description	Cost
Specialized tools to purchase _____	\$ _____
Possible travel expenses / Expected transportation cost _____	\$ _____
Tool or equipment rental / Permit or license fees _____	\$ _____
Software to purchase / Test or publications to purchase _____	\$ _____
Course or training fees / Cost of certification requirements _____	\$ _____
Cost of documentation _____	\$ _____
Materials: _____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____
List the website or catalog where you obtained your cost projections. _____	\$ _____
_____	\$ _____
_____	\$ _____
List the specific person/company/community partner that will loan/donate tools to you. _____	\$ _____
_____	\$ _____
_____	\$ _____

Total Estimated of Cost First Topic Proposal: \$ _____

.....

Second Topic Proposal: _____

Description	Cost
Specialized tools to purchase _____	\$ _____
Possible travel expenses / Expected transportation cost _____	\$ _____
Tool or equipment rental / Permit or license fees _____	\$ _____
Software to purchase / Test or publications to purchase _____	\$ _____
Course or training fees / Cost of certification requirements _____	\$ _____
Cost of documentation _____	\$ _____
Materials: _____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____
List the website or catalog where you obtained your cost projections. _____	\$ _____
_____	\$ _____
_____	\$ _____
List the specific person/company/community partner that will loan/donate tools to you. _____	\$ _____
_____	\$ _____
_____	\$ _____

Total Estimated of Cost First Topic Proposal: \$ _____

First Topic Proposal

Name: _____ Shop: _____

Product Idea

Paper Idea

Link

The diagram consists of two overlapping ovals. The left oval is yellow and contains 20 horizontal lines. The right oval is green and contains 20 horizontal lines. The overlapping area is shaded light green and contains 10 horizontal lines. The labels 'Product Idea', 'Paper Idea', and 'Link' are positioned above their respective sections.

First Topic Proposal

~ In September, if this is the topic you choose to complete, submit a copy to the Senior Project Coordinator ~

Name: _____ Shop: _____

Using complete sentences, describe a potential topic you would like to explore for your Senior Project. Use this page for your first topic and page 7 for your second topic.

During your senior year you cannot change your topic without consultation with your shop and English instructors. You must submit a new proposal for approval by your instructors and the Senior Project Coordinator.

First Topic: _____

My Product will be a: Tangible Project with incorporated Green Technology (renew, reuse, recycle)
 Community Service

Product Idea: _____

Research Paper Idea: _____

My product will allow me to demonstrate the following technical skills: _____

Possible Sources to support my project (product and paper): _____

Using page 4, list possible ways to link the product and paper

.....

- YES, The proposal described is a learning stretch for this student.
- YES, This proposal directly links with a technical strand within the frameworks for our department
- YES, This proposal is different from other proposals submitted this year/last year.
- YES, This proposal is off little or no cost to the student.
- YES, The tools required for this project are available for purchase, loan or donation.

Shop Teacher's Signature: _____ Date: _____

.....

- YES, The general paper idea has adequate sources to support research.
- YES, This student has used complete sentences in describing the topics on the Project Proposal, and topics are clear and understandable.
- YES, This student brainstormed and completed the concept map on page 4.

English Teacher's Signature: _____ Date: _____

Second Topic Proposal

Name: _____ Shop: _____

Product Idea

Paper Idea

Link

A Venn diagram consisting of two overlapping ovals. The left oval is pink and labeled 'Product Idea'. The right oval is light blue and labeled 'Paper Idea'. The overlapping area in the center is shaded light purple and labeled 'Link'. Both ovals are filled with horizontal lines for writing.

Second Topic Proposal

~ In September, if this is the topic you choose to complete, submit a copy to the Senior Project Coordinator ~

Name: _____ Shop: _____

Using complete sentences, describe a second potential topic you would like to explore for your Senior Project.

During your senior year you cannot change your topic without consultation with your shop and English instructors. You must submit a new proposal for approval by your instructors and the Senior Project Coordinator.

First Topic: _____

My Product will be a: Tangible Project with incorporated Green Technology (renew, reuse, recycle)
 Community Service

Product Idea: _____

Research Paper Idea: _____

My product will allow me to demonstrate the following technical skills: _____

Possible Sources to support my project (product and paper): _____

Using page 6, list possible ways to link the product and paper

.....

- YES, The proposal described is a learning stretch for this student.
- YES, This proposal directly links with a technical strand within the frameworks for our department
- YES, This proposal is different from other proposals submitted this year/last year.
- YES, This proposal is off little or no cost to the student.
- YES, The tools required for this project are available for purchase, loan or donation.

Shop Teacher's Signature: _____ Date: _____

.....

- YES, The general paper idea has adequate sources to support research.
- YES, This student has used complete sentences in describing the topics on the Project Proposal, and topics are clear and understandable.
- YES, This student brainstormed and completed the concept map on page 6.

English Teacher's Signature: _____ Date: _____

Student and Parent YES Test for Junior Proposals

Read each section carefully and check YES to confirm your understanding of each statement.

As a parent/guardian of _____, a senior at Cape Cod Technical High School, I am aware that my son/daughter must complete and pass the four phases of Senior Project (product, paper, portfolio, and presentation) as part of their senior year requirements. Senior Project is an opportunity for my student to demonstrate mastery of the technical, academic, and social learning skills he/she has been acquiring as a student of Cape Cod Tech.

Your completed Senior Project Junior Packet is due to your shop teacher no later than May 31, 2011.

- YES, this student's packet has a neat and professional appearance.
- YES, we have reviewed the completed proposal and are aware of the topic ideas.
- YES, we have reviewed possible research sources and listed them for each topic.
- YES, we know that if my student plagiarizes his/her product work, research paper, portfolio or presentation, he/she will fail that phase of Senior Project.
- YES, we are aware that my student needs to get this packet approved prior to the end of the Junior year. Only approved projects will be graded in the senior year.
- YES, we fully understand Senior Project is a 1 credit graduation requirement and students who do not complete and pass their Senior project will not be able to graduate.

Choose one of the 2 options: Your senior project should not be an expensive endeavor!

- YES, we have estimated the cost of each of my proposed product(s), and believe it/them to be of little or no expense to me. See page 3.
- YES, we are aware of the expensive nature of the product(s).
 - YES, we have a customer/community partner/non profit in mind who will pay for the materials.
 - YES, we would like to have the finished product for our family's use and are comfortable with the expense.

Student Signature: _____ Date: _____

Parent/Guardian Signature: _____ Date: _____

Parent Guardian Email (optional): _____

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To Be Completed by Your Shop Instructor

- YES, This student has completed the entire Junior Packet and met the May 31 due date.

Shop Teacher's Signature: _____ Date: _____

Students should retain a complete copy for their records/portfolio.