



## Applied Design Skills and Technology 7 EBUS Academy

### Course Overview:

#### The Course:

Applied Design Skills and Technology 7 (ADST 7) requires students to complete four units, approximately one per term. Usually, each unit begins with instruction specific to the unit topic, followed by a guided mini project. The mini projects illustrate the process required to be successful with the major project. Students are asked to follow the process with limited to no support, to demonstrate their understanding of the process. The emphasis is not on the end product, but the steps required to get to the end product. The final unit is a project of choice. Students can revisit previous topics to create a more complex version or pick a totally new topic (subject to teacher approval).

The purpose of this course is not to teach specific skills like programming or sewing, but to have students understand what skills they will need to develop and how to find resources to help them learn the skills. To begin to become self-learners and enable lifelong learning.

#### Course Materials:

There is no textbook for this course.

Content is provided on moodle with links to internet sources where needed.

#### Testing/Assessment information:

This is a project-based course. Assignments will be assigned based on required project content. Each stage of the process will require that previous stages be submitted and marked before submission is allowed.

There will be short quizzes to ensure video content is understood.

Each project will be grade upon a project rubric.

There will be no tests for this course.

### About each Term:

The course is designed to allow for flexibility in execution. What that means is the desired project has a specific generic goal, but the student can decide within that goal how they wish to accomplish the task. Students will want to pace themselves to ensure completion by the final submission date for each term.

Term	Topics	Submit no later Than
One	Start-up Activities & Software Development Life Cycle (SDLC)	Term 1 Guarantee Date
Two	Engineering Design Process (EDP)	Term 2 Guarantee Date
Three	Clothing Design Process (CDP)	Term 3 Guarantee Date
Four	Project of Choice	Term 4 Guarantee Date

### Marks:

#### Mark break down:

Unit	%
Start Up activities	5
SDLC	25
EDP	30
CDP	25
Free Choice	15

Many assignments will be graded using the following **EMRN Rubric**.

Assignment Understanding	N- Fragmentary <ul style="list-style-type: none"><li>Clearly misunderstands</li><li>Insubstantial attempt made</li><li>unable to access understanding</li></ul> <i>0 points</i>	R- Needs Revision <ul style="list-style-type: none"><li>Partial understanding is evident, but significant gap(s) remain.</li><li>- Needs more work/ teaching / communication.</li></ul> Rc = communication Re = significant error Ri = incomplete  <i>1 point</i>	M -Meets expectations <ul style="list-style-type: none"><li>Understanding is evident.</li><li>Needs some revision or expansion but written comments are enough.</li><li>No additional teaching is needed.</li></ul> <i>2 points</i>	E - Excellent example <ul style="list-style-type: none"><li>Meets or exceeds expectations</li><li>Complete, clear communication</li><li>Clear Understanding</li><li>Any error is trivial</li></ul> <i>3 points</i>
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## Contact Information:

### Having Trouble or Stuck?

Your instructor will be available by Teams Chat, or email.

Available Hours: 9am – 12pm, 1pm – 3pm from Monday to Friday (with the exemption of Pro-D days and Holidays)

If you need a more in-depth explanation, use **Teams Chat** and if available a video conference will be started, or a meeting will be scheduled.

If your teacher will be unavailable during regular hours, due to illness or any other reason, there will be an attempt to post an alert/or announcement on Moodle to inform the class.

## Contact Information:

Email: [mdevauld@sd91.bc.ca](mailto:mdevauld@sd91.bc.ca)

## Grade Progress:

### Progress Reports:

Progress reports will be emailed to the address(es) on file for all students and parents/guardians. An attempt will be made to provide the report once a month, near the end of the month. However, sometimes circumstances may prevent this from happening. In this situation an effort will be made to release a report as soon as possible.

### Falling Behind:

Students who do not make the effort to keep on track, may be given an “I” contract, and parent contact will be made. This will often occur on the Term 3 report card. An “I” contract may be given for a failing grade or for not keeping up to the expected pace. An “I” is for our, and your, personal records. The “I” will not be posted onto official transcripts. An “I” grade is not a fail, but rather a sign that at this moment in time, based on your progress, we cannot say with 100% assurance that you will be able to complete by the desired date.

## Expectations:

### To Complete and Finish Successfully:

- Remain ethical and upstanding in your assessments
- Contact your teacher when help is needed
- Review feedback from assignments
- Communicate respectfully
- Review progress reports
- You work consistently to complete in a 1 school year span