Practical Task 0.1

(Pre-Pass Task)

Submission deadline: 11:59 pm Sunday, July 19
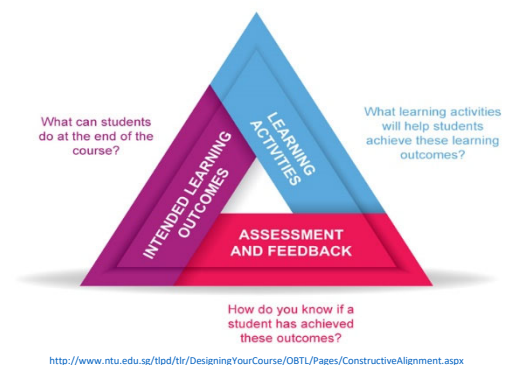Discussion deadline: 11:59 pm Sunday, July 26

Task Objective

This task is to ensure you are familiar with the assessment protocols and processes being used this trimester during SIT221 Data Structures and Algorithms.

You must read this document and complete the form included at the end, submit the form to OnTrack and have a short introductory discussion with your tutor via OnTracks Intelligence Discussion Tool.

Background

SIT221 Data Structures and Algorithms has a reputation for being a very challenging and enjoyable unit. To help students tailor this unit to achieve the outcomes they are after the unit will use a teaching approach referred to as Constructive Alignment. Constructivism views knowledge as being constructed in the mind of the learner. Therefore, it is important for students to actively perform the required tasks to learn. As a result, the role of the educator changes from someone who "teaches" to someone who "facilitates" learning.

http://www.ntu.edu.sg/tlpd/tlr/DesigningYourCourse/OBTL/Pages/ConstructiveAlignment.aspx

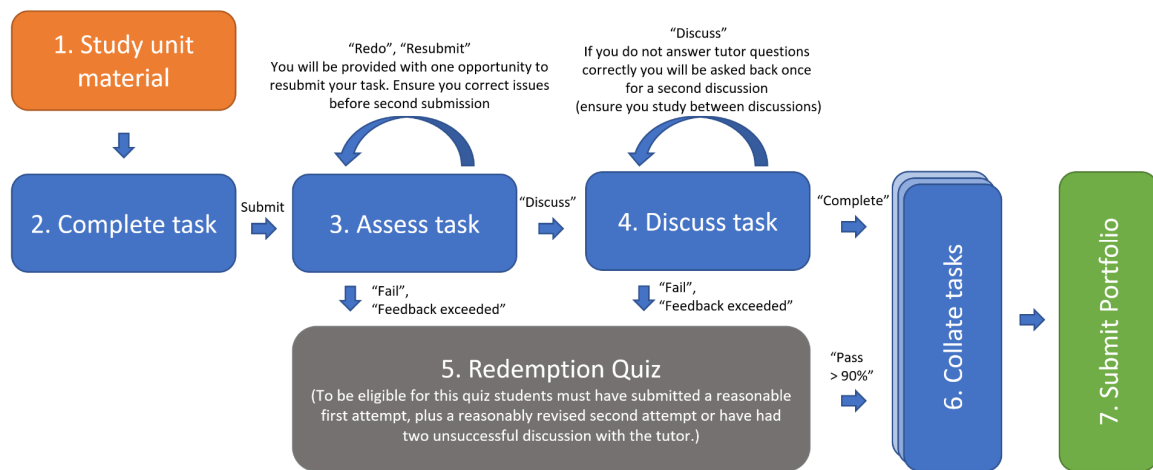In this unit this Constructive Alignment is achieved via OnTrack. OnTrack is an in house developed online software platform that facilitates this formative learning approach via a task-oriented portfolio assessment. The strategy is to organise learning activities across multiple tasks structured around grade outcomes. You the student select the grade you are aiming to achieve – this decision may be based on your prior experience in the domain, your aptitude towards the topic, your time commitment, or the requirements of your career objective. This selection allows you to scaffold your own learning to achieve greater depth than you previously may have thought was possible.

- Pass tasks: cover the defined learning tasks of the unit – they show a basic level of knowledge and skills required to progress in your degree.
- Credit tasks: develop your skills beyond the minimum required and show a solid level of knowledge and skills in the topics of the unit.
- Distinction tasks: create advanced skills that show that you can research and apply theory to solve complex problems.
- High distinction tasks: research approaches that go well beyond the core content of the unit showing you are highly capable of meeting employer expectations in this domain.

Your final grade is based on the number of tasks that you complete at each task level, see below. Students aiming for higher grades will need to do more tasks. It is recommended that you seriously and honestly consider your capabilities. Genuinely advanced students will find pass tasks quick and easy to complete. If you find pass tasks difficult and/or too time consuming, then you should adjust your expectations.

- Pass – must do all 6 pass tasks (in addition to this pre-pass task).
- Credit – must do all pass task and more than half (3) of the (5) credit tasks.
- Distinction – must do all pass and credit tasks and more than half (2) of the (3) distinctions tasks.
- High distinction – must do all pass, credit and distinction tasks, plus at least one high distinction task.

Finally, there will also be quizzes in week 11/12 providing you an opportunity to improve your final grade. Note: if you do not complete required tasks at a level then we will accept higher tasks as a replacement.

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Assessment Process

Knowledge and skills in this unit continuously build on those learnt the week before. Therefore, if you fall behind it becomes impossible to understand subsequent content. Therefore, tasks are spread out throughout the semester and need to be done in sequence and on time.

To complete a task, students follow the formative learning process illustrated in the above process diagram. This is designed to ensure your educators can provide a reasonable level of support to all students. The following describe the steps to be followed during this unit.

1. **Study material:** Ensure you attend/watch lectures and read any associated reading material.
2. **Complete task:** during your lab time your tutor will provide some general advice and answer questions to clarify a task's requirements. They will not provide solutions – partial or otherwise. You may also seek peer support by posting questions on the SIT221 forum in student sync. Once you believe you have the correct solution you can submit your solution via OnTrack (https://ontrack.deakin.edu.au/). When you submit please indicate to your tutor if you would prefer to do your discussion via Microsoft Teams during your lab time or via OnTrack's Intelligent Discussion facility – see step 4 for details of these two discussion approaches.
3. **Assess task:** Your tutor will assess your submission and provide feedback via the OnTrack chat facility. This will either inform you that your solution is correct or will identify where it requires additional work. If it is correct it will be flagged as "demonstrate" or "discuss" and you can go to step 4. If it requires additional work, they will mark the task as either "redo" or "resubmit". You will now get one (1) additional week to revise your submission to incorporate the tutor's feedback. Once you are sure you have addressed the tutor's concerns you can resubmit. The tutor is only expected to accept one resubmission – if on the second submission you are very close then the tutor may decide to give you a day to make minor changes and submit again, but this is up to their discretion and should not be expected. If the tutor does not accept your submission, then it will be marked as "Fail" or "Feedback exceeded". If it is marked as "Feedback exceeded" then go to step 5. Plagiarised tasks or purchased solutions will be marked as "Fail" and you will not be eligible to go to step 5 and cannot pass this task – you will need to replace this task with a more advanced task.
4. **Discuss (Demonstrate) task:** If your solution is correct in step 3 then you must also illustrate to your tutor that you understood the material in an interview with the tutor. Before the discussion deadline (see unit guide) you must either:
   o Attend the tutorial via Microsoft Teams and have a one-on-one meeting with your tutor. To do this you should ensure you have a working camera and microphone (Teams has a mobile app available if you do not have a webcam). When you attend the lab, class announce to the tutor that you are ready for an interview and wait for them to get to you.
   o Use the intelligent discussion facility in OnTrack. If you have indicated this is your preferred approach, then your tutor will record up to three audio question. When you click on these OnTrack will record your response live. You must answer straight away in your own words. As this is a live response you should ensure you understand the solution to the task you submitted. Please see this link for more details about this OnTrack facility.

If the tutor is satisfied with your answers then they will mark your task as "Complete". If they do not accept your responses show the required level of understanding you will be asked to discuss again. The tutor is only expected to give you two opportunities to discuss your task. If the tutor does not accept your submission then it will be marked as "Feedback exceeded", see step 5.

5. **Redemption quiz:** If your task is marked as "Feedback exceeded" then you can still receive a pass by sitting the redemption quiz for that pass task. This facility is only provided to pass tasks. Your tutor will indicate with a comment in the original tasks chat window if you are eligible for the redemption quiz. To be eligible you need to have made a reasonable attempt to do the task (copied tasks will not be accepted as a reasonable attempt). Each time you were allowed a resubmit you showed a reasonable attempt to fix your submission. Simply resubmitting the original will not be accepted as a reasonable attempt. You may sit each task's redemption quiz up to three times. You must get 90% correct on the quiz for it to count as a replacement to the pass task. Note the questions are drawn randomly from a pool of questions and so will change each time you attempt the quiz. When doing the quiz, you are also required to record your time doing the quiz. This means you should use Zoom (or another application with similar functionality) and set it to record your whole of screen which will include your browser while you do the quiz. This recording should also show a mini window showing your face while doing the quiz. You will provide a link to the zoom recording in your chat session of the original pass task for the tutor to validate. If you gain 90% or more and submit the video and the tutor or unit chair is satisfied with these submissions, then the original pass task will be marked as complete. Should you be unsuccessful in passing the quiz on all three occasions you should do a more advanced task and have that used to replace the missed pass task.

6. **Collate all tasks:** At the end of week 11 you prepare your final portfolio for submission. This will involve filling in a cover sheet and indicating the number of tasks you have completed at each level and justifying the learning that you have accomplished. The aim of this is to argue for the grade you believe you should receive.

7. **Portfolio:** formally this is your actual assessment task for the unit. Ensure this is submitted with the required form by the due date.

Please note: The redemption quiz provides you with the opportunity to pass a task even if the tutor is not satisfied by your submission or interview. Any attempt to intimidate or bully a tutor during the assessment or interview of a task will not be tolerated.

Task Details

Having read the above discussion, this task requires you to complete the following form and submit it to OnTrack. Once submitted your tutor will initiate an Intelligent Discussion with you which you will need to provide a response. This discussion will only be asking you to introduce yourself to the tutor. If this pre-pass task is not completed, we will not be accepting any future task submissions

Student ID: _____

Name:_____

☐ Tick to indicate you have read this task sheet, asked your tutor anything you need clarified, and that you understand what you need to do to pass this unit.

Signed:_____

Date:_____

Insert Photo

Must be focused on your face with nobody else in the photo.

Eg a passport style photo