Graduate School of Nursing, Midwifery & Health Course Outline

NURS 540

Advancing Nursing Practice - Cardiac/Cardiothoracic

Course Co-ordinator: Marushka Caldeiro





2009

IMPORTANT NOTICE
The Graduate School of Nursing, Midwifery & Health at Victoria University of Wellington, uses all reasonable skill and care in an effort to ensure the information and course content information contained in this outline is accurate at the time of going to print.
Students should be aware, however, that in the event course timetables and venues need to be changed, all attempts will be made to notify the students.
Produced by the Graduate School of Nursing, Midwifery & Health, 81 Fairlie Terrace, Kelburn, Wellington 6021.
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STAFF TEACHING IN THIS COURSE

COURSE CO-ORDINATOR

Name: Marushka Caldeiro Ph: 04 385 5999 extn: 5673

Email: marushka.caldeiro@ccdhb.org.nz

PHYSICAL ADDRESS

Professional Development Unit Level L, WSB, Wellington Hospital, Riddiford Street, Newtown, Wellington

STUDENT ADMINISTRATOR

Abbey McDonald Ph: 04 463-6144

Email: Abbey.McDonald@vuw.ac.nz

CONTACT DETAILS

POSTAL ADDRESS

Graduate School of Nursing, Midwifery & Health Victoria University of Wellington P O Box 600 Wellington 6140

PHYSICAL ADDRESS

The Fieldhouse Centre
Victoria University of Wellington
81 & 83 Fairlie Terrace
Kelburn
Wellington 6021

Phone: (04) 463-5363 or

0800 108-005 Freephone Graduate School Administration

Fax: (04) 463-5442

Email: nmh@vuw.ac.nz

Web site: http://www.victoria.ac.nz/nmh

Office Hours: Monday to Friday 8.30am to 5.00pm

GRADUATE SCHOOL DATES

The Graduate School office will be open on Wednesday 5 January 2009 and close on Tuesday 22 December 2009.

In keeping with the practice of other years, academic staff will not be available on Fridays, except for the times they are involved in Schools.

COURSE DESCRIPTION

The nursing care of cardiac and thoracic patients is primarily defined by the advances in medicine, technology and service delivery models. In order to deliver patient centred care, there is a continual need to up skill practice and keep relevant information current.

This course guides the ongoing development of the cardiac/cardiothoracic nurse by providing them with the essential tools of learning to help bridge the gap in theory and practice.

COURSE AIMS

NURS 540 Advancing Nursing Practice – Cardiac/Cardiothoracic aims to:

- Assist the practice development of the cardiac/cardiothoracic nurse in their preferred area of practice within the cardiothoracic setting.
- Prepare students for advanced nursing roles in cardiac/cardiothoracic care.

Nursing council competencies that govern advanced nursing practice are listed below. These are congruent with those outlined by the Nursing Council of New Zealand for Nurse Practitioners;

- 1. Articulates scope of nursing practice and advancement
- 2. Shows expert practice working collaboratively across settings and within interdisciplinary environments.
- 3. Shows effective nursing leadership and consultancy
- 4. Develops and influences health/socio-economic policies and practice at a local and national level
- 5. Shows scholarly research inquiry into nursing practice.

These competencies and their domains can be found at: http://www.nursingcouncil.org.nz/competenciesnp.pdf

COURSE OBJECTIVES

The student will:

- Advance their knowledge and understanding of common cardiac and thoracic pathologies and related care.
- Critically evaluate the clinical care given to specific patient populations utilising evidence, clinical knowledge and trends both national and international.
- Understand the influences of guidelines and policy on the delivery of care in their work environments.

COURSE CONTENT

The course content is delivered in the form of lectures during three Schools, discussion forums and assignment work. An online tool 'blackboard' is set up to support course work for the year.

Attendance at the three schools and the use of blackboard are compulsory requirements of the course.

Advancing Nursing Practice – Cardiac/Cardiothoracic (NURS 540) can be taken concurrently with a practicum course (NURS 512) to complete a Postgraduate Certificate in Clinical Nursing (Cardiac/Cardiothoracic).

ACADEMIC PREPARATION

Student Learning Support Services. (2006). *Study hub*. Retrieved 13th November, 2006, from http://www.vuw.ac.nz/st_Services/slss/studyhub.aspx

This site provides a range of useful information from writing skills, plagiarism, managing your time effectively, to critical thinking and a lot more.

RECOMMENDED TEXT

- Apple. S. (2000). Principles and practice of interventional cardiology. Baltimore: Lippincott.
- Conover, M. B. (2003). *Understanding electrocardiography*. (8th ed.). St Louis: Mosby.
- Darovic, G.O. (2002). *Hemodynamic Monioring: Invasive And Noninvasive Clinical Application*. (3rd ed.). Philadelphia: Saunders.
- Hatchett, R., & Thompson, D. (Eds.) (2002). *Cardiac nursing: A comprehensive guide*. Edinburgh: Churchill Livingstone.
- Inwood.H.L. (2002). Adult Cardiac Surgery: nursing care and management. London: Whurr.
- Marini, J.J. & Wheeler, A.P. (2006). *Critical Care Medicine: the essentials*. (3rd ed.). Philadelphia: Lippincott.
- New Zealand Resuscitation Council. (2001). Resuscitation: Level 7. New Zealand: Author.
- Sidebotham. D. (2007). Cardiothoracic Critical Care. Philadelphia: Butterworth-Heinemann.
- Silver, M.D., Gotlieb, A.I., & Schoen, F.J. (2001). *Cardiovascular Pathology*. (3rd ed.). Edinburg: Churchill Livingstone.
- Woods, S. L, Sivarajan Froelicher, E. S., Halpenny, C.J, & Underhill Motzer, S. (2000). *Cardiac nursing* (4th ed.). Philadelphia: Lippincott.
- Zipes, D.P., & Braunwald, E. (2005). *Braunwald's Heart Disease: A Textbook of Cardiovascular Medicine*. (7th ed.). Philadelphia: Saunders.

RECOMMENDED WEBSITES

General Cardiac Information Sites

- American Heart Organisation (<u>www.americanheart.org</u>)
- E medicine (<u>http://www.emedicine.com</u>)
- European society of Cardiology Knowledge Centre (www.escardio.org/knowledge/)
- Medscape (<u>www.medscape.com/cardiologyhome</u>)
- Research Review (www.researchreview.co.nz)

Evidence Based Practice

- The Cochrane Collaboration (http://www.cochrane.org)
- The Joanna Briggs Institute (http://www.joannabriggs.edu.au)
- Clinical Evidence (http://www.clinicalevidence.com)
- Evidence-Based Nursing (http://ebn.bmjjournals.com)
- National Institute for Clinical Excellence (NICE) (http://www.nice.org.uk)
- New Zealand Guidelines Group (http://www.nzgg.org.nz)

Recommended Journals

- AACN: Advanced Critical Care
- American Heart Journal
- American Journal of Cardiology
- Cardiothoracic Surgery (www.ctsnetjournals.org)
- Chest
- Circulation
- Critical Care Nurse
- Current Controlled Trials in Cardiovascular Medicine
- Current opinion in Cardiology
- European Journal of Cardiothoracic Surgery
- European Journal of Cardiovascular Nursing
- Heart & Lung
- Heart British Cardiac Society
- Journal of Cardiovascular Nursing
- Journal of the American college of Cardiology
- Medline Database (http://www.ncbi.nlm.nih.gov/entrez/query.fcgi)

Drug Information

- Pharmac (http://www.pharmac.govt.nz)
- Medsafe (<u>http://www.medsafe.govt.nz</u>)

NZ health Information Sites

- Health Ed (http://www.healthed.govt.nz/)
- The Health and Disability Commissioner website (<u>www.hdc.org.nz</u>)
- The Ministry of Health (<u>www.moh.govt.nz</u>)
- Maori Health (www.maorihealth.govt.nz)
- NZ Health Information Service (<u>www.nzhis.govt.nz</u>)
- NZ Health Technology Assessment Reports (http://nzhta.chmeds.ac.nz) useful literature reviews
- Public Health Intelligence (www.moh.govt.nz/phi)

ETHICAL CONSIDERATIONS

At all times students must act within the boundaries of professional Codes of Conduct, relevant legislative frameworks and the governance, rules and contracts of their employing organisation. Further information with regard to student's ethical responsibilities and relevant templates can be accessed on the Blackboard site or will be provided in class if required.

BLACKBOARD INFORMATION

Students enrolling for this course may need access to the VUW flexible learning system (Blackboard) via the Internet.

Blackboard is an online environment that supports teaching and learning at Victoria by making course information, materials and learning activities available online via the internet. Blackboard provides web-based access to course content, assessment, communication and collaboration tools. Instructions for using this will be provided as part of timetable during the 1st School. Students will need to be able to access the Internet on a regular basis.

The following software, which is necessary for using material on Blackboard, is freely available to download from the internet if you don't already have it:

- Netscape Communicator v 4.78 or higher(v. 7.1 recommended) OR
- Microsoft Internet Explorer v. 5.2.x or higher
- MS Windows 2000 or XP/ MacOS 9 or Mac OS X.2 or higher

Other software: Adobe Acrobat Reader - free download from http://www.adobe.com/products/acrobat/

Microsoft Office or Microsoft Viewers. The viewers can be downloaded free of charge from: http://www.microsoft.com/office/000/viewers.asp

Computer skills required:

- Internet browsing skills
- Basic word processing skills

How to log onto Blackboard

- Open a web browser and go to myVictoria.ac.nz
- Enter your account username which you can find in your Confirmation of Study sheet
- It is usually made up of 6 letters of your last name and 4 letters of your first name
- Enter your password. If you have never used Victoria computer facilities you initial password is your student ID number
- Click on the Blackboard icon
- Alternatively, if you want to access Blackboard without going through the myVictoria portal, just log on at http://blackboard.vuw.ac.nz

Off Campus access

Blackboard is available from any location where you can access the Internet. This may be your home, work or an Internet café.

Problems with access? Contact ITS service desk 04 463 5050

WORKLOAD

NURS 540: Advancing Nursing Practice – Cardiac/Cardiothoracic is a 30pt course with an average workload of twelve hours per week.

MANDATORY COURSE REQUIREMENTS

In order to successfully complete this course you are required to:

- attend all Schools unless under special circumstances prior arrangements have been made with the course co-ordinator.
- submit and pass all pieces of assessment

GENERAL UNIVERSITY STATUTES AND POLICIES

Students should familiarise themselves with the University's policies and statutes, particularly the Assessment Statute, the Personal Courses of Study Statute, the Statute on Student Conduct and any statutes relating to the particular qualifications being studied; see the Victoria University Calendar or go to the Academic Policy and Student Policy sections on:

http://www.victoria.ac.nz/home/about/policy

This website also provides information for students in a number of areas including Academic Grievances, Student and Staff conduct, Meeting the needs of students with impairments, and student support/VUWSA student advocates.

ACADEMIC INTEGRITY AND PLAGIARISM

Academic integrity means that university staff and students, in their teaching and learning are expected to treat others honestly, fairly and with respect at all times. It is not acceptable to mistreat academic, intellectual or creative work that has been done by other people by representing it as your own original work.

Academic integrity is important because it is the core value on which the University's learning, teaching and research activities are based. Victoria University's reputation for academic integrity adds value to your qualification.

The University defines plagiarism as presenting someone else's work as if it were your own, whether you mean to or not. 'Someone else's work' means anything that is not your own idea. Even if it is presented in your own style, you must acknowledge your sources fully and appropriately. This includes:

- Material from books, journals or any other printed source
- The work of other students or staff
- Information from the internet
- Software programs and other electronic material
- Designs and ideas
- The organisation or structuring of any such material

Find out more about plagiarism, how to avoid it and penalties, on the University's website: http://www.victoria.ac.nz/home/study/plagiarism.aspx

USE OF TURNITIN

Student work provided for assessment in this course may be checked for academic integrity by the electronic search engine http://www.turnitin.com.

Turnitin is an online plagiarism prevention tool which compares submitted work with a very large database of existing material. At the discretion of the Head of School, handwritten work may be copy-typed by the School and subject to checking by Turnitin.

Turnitin will retain a copy of submitted material on behalf of the University for detection of future plagiarism, but access to the full text of submissions is not made available to any other party.

SCHOOL CATERING

The Graduate School will provide tea & coffee for morning and afternoon break while students are attending Schools (lunch is not provided).

During the lunch breaks you may wish to investigate a variety of student cafes within walking distance on our campus and several cafes at Kelburn shops approximately 10 mins walk from the School.

All our students have access to the 'Treehouse' at the back of 83 Fairlie Tce while here at Schools where you may wish to use appliances (toaster, microwave & oven).

COURSE TIMETABLE

WEEK	DATES	EVENT	ACTION
STARTING	220		7.0
Monday			
2 February	6 February	Waitangi Day	
9 February			
16 February			
23 February			
2 March			
9 March			
16 March	17 & 18 March	1 st School	
23 March			
30 March			
6 April	10 April	Easter Friday	
13 April	13 April	Easter Monday	
	14 April	VUW Holiday	
20 April	25 April	ANZAC Day	
27 April			
4 May	8 th May		Assignment 1
11 May	•		
18 May			
25 May			
1 June	1 June	Queens Birthday	
8 June			
15 June			
22 June			
29 June			
6 July			
13 July			
20 July	20 & 21 July	2 nd School	
27 July	-		
3 August			
10 August	14 th August		Assignment 2
17 August			
24 August			
31 August	31 August & 1 September	3 rd School	
7 September			
14 September			
21 September			
28 September			
5 October			
12 October			
19 October			
26 October	26 October	Labour Weekend	

SCHOOL TIMETABLE

Timetables will be forwarded prior to the Schools commencing.

Venues utilised during programme:

Graduate School of Nursing and Midwifery, 83 Fairlie Tce, Kelburn National Patient Simulation Suite, Wellington, Capital & Coast Health

1ST SCHOOL

Dates: Tuesday 17 & Wednesday 18 March 2009

Times: 9am - 5pm

Venue: Room (TBC), 83 Fairlie Tce, Kelburn, Wellington

2ND SCHOOL

Dates: Monday 20 & Tuesday 21 July 2009

Times: 9am - 5pm

Venue: Room(TBC), 83 Fairlie Tce, Kelburn, Wellington

3RD SCHOOL

Dates: Monday 31 August & Tuesday 1 September

Times: 9am - 5pm

Venue: Room(TBC), 83 Fairlie Tce, Kelburn, Wellington

ASSIGNMENT SUBMISSION GUIDELINES

The ability to plan for and meet deadlines is a core competency of both advanced study and professional practice. Failure to meet deadlines disrupts course planning and is unfair to students who do submit their work on time. It is expected therefore that you will complete and hand in assignments by the due date. Electronic versions of assignments may be submitted by email to meet the assignment submission deadline, but a hard copy must have already been posted. Some courses require that you access Blackboard and submit all assignments through this site; please refer to your course outline for identification of these courses and assignments.

If ill-health, family bereavement or other personal emergencies prevent you from meeting the deadline for submitting a piece of written work or from attending class to make a presentation, you can apply to the course coordinator for an extension to the due date.

Receipt of assignments

Assignment cover sheets and acknowledgement postcards are attached at the back of this outline. Please ensure you complete an assignment cover sheet and attach it to the front of each assignment you submit. All assignments are to be sent to **Abbey McDonald, Student Administrator**, who will record the details and pass it to the appropriate marker. **Please do not address assignments to members of the academic staff, as they are not necessarily the markers of the assignment.** If you want to have receipt of your assignment acknowledged, complete an acknowledgement postcard and attach it to the front of your assignment.

Extensions

An extension to a deadline will only be considered where there are extenuating circumstances. You should let your course co-ordinator know as soon as possible in advance of the deadline if you are seeking an extension. An application for extension should be made via email or written application after discussion with your course co-ordinator.

Late penalties

A penalty will be incurred for late submission of work **where no prior arrangement** has been made as follows:

• Work submitted without an approved extension up to 7 days late will receive a 10% reduction in mark, equivalent to a two grade penalty, for example;

A to B+B to C+

- For lateness of 7-14 days the work will be marked but will receive no more than a C grade;
- Work submitted without an approved extension that remains outstanding beyond two weeks from the due date will attract an 'E' (fail) grade;
- A penalty will also be incurred for exceeding the word limit to the extent that it is unnecessarily excessive. The penalty may be to ignore the work incorporated in the excess.

Student coursework assignments submitted by the due date will normally be returned with feedback within **four weeks** of the due date. Students who do not submit assignments within this timeframe may be subject to delays in their assignment being returned and may not receive comprehensive feedback.

Grading

Grading is according to the University standard as follows:

85% - 100%	A+	60% - 64%	B-
80% - 84%	Α	55% - 59%	C+
75% - 79%	A-	50% - 54%	С
70% - 74%	B+	40% - 49%	Fail D
65% - 69%	В	0 - 39%	Fail E

ASSIGNMENT WRITING: GUIDELINES FOR FORMAT AND PRESENTATION

The Graduate School recommends the use of APA referencing for all assignments and information on APA referencing can be found by searching online:

Publication Manual of the American Psychological Association: 5th ed. (2001).

Students can also request a copy of the Referencing the APA Style A Brief Guide (Brochure) from Student Learning Support Services or view on:

http://www.vuw.ac.nz/st Services/slss/studyhub/reference/APA.pdf

- Assignments should be concise and relevant; when a word limit applies students should avoid exceeding it. Keep within 10% of the stated limit, e.g. 3000 words means 2750 -3300. Word count includes references
- Font size 12, Times New Roman or Arial only
- Double or 1.5 line spacing. Justify all text
- 4.5-5 cm margin on the left side for marker's comments.
- Assignments must be typed and printed clearly on one side of A4 size white paper only, with all pages fastened together by staple or secure clip.
- All pages should have a footer which includes the following:
 - Course number, assignment number and student ID number (left aligned), e.g. NURS 512, Assignment 2, 300011122
 - Page number (right aligned)
- Include a title page and always attach an assignment cover sheet on top. The cover sheets are included with the Course Outline.
- Appendices: These are additional materials related to the text but not suitable for inclusion because of its length or format (e.g. policy documents, etc). These are not marked or counted in the word limit, but should be clearly referred to as appropriate within the main text (e.g. see Appendix A).
- Do not use plastic sheets, clear files or folders to put the assignment in (except for your portfolio), as these make it difficult for markers to handle.
- Ensure you keep a copy of your assignment until it is returned from being marked.

CONFERENCE & SCHOOL PRESENTATIONS

Students of the Graduate School of Nursing, Midwifery & Health are encouraged to present their work at professional conferences and as papers for publication. Students should discuss this with the course co-ordinator in the first instance. Dissemination of findings from academic work is a very important part of graduate education and assists clinical teams and professional groups to access up-to-date and new knowledge. Course co-ordinators will provide academic guidance in relation to the targeted activities, and also in relation to the proper academic processes of authorship and acknowledgement.

For all conference, professional and workplace presentations our VUW Power Point template should be used. This template is available and can be accessed by those students using Blackboard or you can email: abbey.mcdonald@vuw.ac.nz for a copy of the template to be sent to you.

As a general rule, presentations and papers should cite yourselves as post-graduate students, and name the Graduate School of Nursing, Midwifery & Health as the organisation. In keeping with academic conventions course co-ordinators and teaching associates who help with the ideas and preparation of the paper/presentation should be directly acknowledged or named as co-authors.

REPORTING STUDENT ACHIEVEMENTS AND AWARDS

At the end of each year the Graduate School reports to the University details of student special achievements (such as awards, grants, presentations, and publications).

You are required to complete and submit this form Record of Special Achievements related to Study at Victoria (attached to back of outline) with your final assignment for this course.

If you would prefer to complete and submit this form electronically, a copy of the form can be located on Blackboard, our website http://www.victoria.ac.nz/nsemid/research/student-achievements.aspx or you could contact Abbey.mcdonald@vuw.ac.nz to request a copy.

ASSIGNMENT NUMBER ONE

Assignment Name: The health needs of a particular patient population.

Due Date: 8th May 2009

Word guide: Length 3500 words

Format: Essay

This assignment is marked as 50% of your final grade.

Preamble:

The nursing management of specific patient populations within the cardiac/cardiothoracic area is informed by the pathophysiology and prognosis of underlying disease, presenting signs and symptoms and prescribed medical/surgical care. This assignment requires that you critically evaluate the existing nursing care delivered to these patients, in relation to current literature and trends in practice, both national and international.

Patient population examples: patients with ischaemic heart disease, thoracic neoplasm's, congenital heart disease.

This assessment relates to the following nursing council competencies:

- 1. Articulate their scope of nursing practice and its advancement within their work context.
- 2. Demonstrate expert practice working collaboratively across settings and within interdisciplinary environments.
- 3. Demonstrate scholarly research into nursing practice.

Assignment Outline:

Write a short case study (500 words) from your practice to illustrate the particular patient population & outlining the issues you have selected to review. Use this case to inform your discussion throughout your assignment. The case study must be Included as an appendix to the main assignment.

The following aspects should be covered within the main assignment:

- The patient group you have selected and a rational for the selection.
- The pathophysiology of disease leading upto the presenting signs & symptoms.
- Management strategies (medical & nursing) associated with this condition within your work environment.
- Current literature (journals, text books and websites etc) in support of or identifying new treatment/practice trends.
- Evidence based practice recommendations to meet the health needs of this group of patients.

ASSIGNMENT NUMBER TWO

ASSIGNMENT NUMBER TWO: A critique of an existing policy/guideline

Assignment Name: Influencing Health Policies and Nursing Practice.

Due Date: 14th August 2009 Word guide: Length 3500 words

Format Essay

This assignment is marked as 50% of your final grade

Preamble

There are many local and national strategic documents that shape the delivery of cardiac/cardiothoracic services within New Zealand and influence the policies and guidelines that govern your practice. This assignment provides an opportunity for you to examine a range of these documents, along with other relevant evidence based literature and provide a critique of a chosen policy that informs an area of your practice, within your service.

This assessment relates to the following nursing council competencies:

- 2. Demonstrate expert practice working collaboratively across settings and within interdisciplinary environments.
- 3. Demonstrate effective nursing leadership and consultancy
- 4. Develop and influence health/socio-economic policies and nursing practice at a local and national level.
- 5. Demonstrate scholarly research inquiry into nursing practice.

Assignment Outline:

Think carefully about your current practice environment and select a policy or guideline that governs your practice. Investigate current local & national documents that may influence or have influenced the development of that policy/guideline. Review current literature on the chosen subject. Use the information you have gathered to provide a written critique of the selected policy/guideline..

The following aspects should be covered in your critique of the chosen document.

- A brief overview of the selected policy/guideline, defining its purpose, implications for practice and issues for review.
- A summary of the overarching local and or national document that informs the chosen policy/guideline.
- Discussion of issues identified for review with clear links to current literature, and the local or national documents that have influenced the policy/guideline.
- Evidence based recommendations for the selected policy/guideline.

Please submit the policy/document you have critiqued as an appendix to your written work.



GRADUATE SCHOOL OF NURSING, MIDWIFERY & HEALTH Record of Special Achievements related to Study at Victoria

At the end of each year the Graduate School reports to the University details of student special achievements (such as awards, grants, presentations, and publications). Please complete this form and **submit with your final assignment for the course**. If you would prefer to complete and submit this form electronically, a copy of the form can be located on Blackboard, our website http://www.victoria.ac.nz/nsemid/research/student-achievements.aspx or you could contact Abbey.mcdonald@vuw.ac.nz to request a copy.

Student Name: Course Code:	Student Name:	Course Code:
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Industry sponsorship

Name of Sponsor	Notes in relation to the conditions of sponsorship	Value	Year
eg, C&C DHB	50% Student fees paid on successful completion of the course of study	\$	2008

Special awards, Prizes & Scholarships

Name of Award/ Prize/ Scholarship	Source/Provider	Notes in relation to the prize/award/scholarship	Value/ Form	Year
eg 'Best clinical innovation'	Mental Health College of Nurses	A project that I developed while doing my practicum course resulted in our clinical team changing the way in which we met with and involved families in patient care	\$500 Award Certificate	2008

Professional presentations / Seminars / Conferences

If you gave any professional presentations, seminars or conference papers during the year please provide the details below use APA style for referencing these

Example: Student, A. (2008). New models of nursing documentation and their relevance to orthopaedic practice. Paper presented at the Orthopaedic Nurses study day 'Stepping towards the future' held in Wellington, 14 August 2008.

Publications (Book reviews, editorials, journal articles, chapters, monographs, books etc)

Example: Student, A & Teacher, B. (2008). Mental Health Consumers speak about their Health Education Needs. *Contemporary Nurse*, *5*(4), 114-126.

Other Special Achievements

If you have had any other special achievements during the year please provide the details.

Attach and submit with your final assignment thank you