Module Specification

1. Factual information			
Module title	**TM471: The Telematics project ITC**	**Level**	**3**
Module tutor	Dr. Luai AlShalabi	**Credit value**	**30**
Module type	Project	**Notional learning hours**	**8**

2. Rationale for the module and its links with other modules
TM471 is a final year projects course. Students are expected to select topics of their projects consistent with their track that is, directly related to the information technology and computing track, and also, make use of the skills they have learnt throughout their studies in lower level modules to plan a project, develop it and submit a report on completion of the project. They are expected to do a presentation and perform a working demonstration of their selected project.

3. Aims of the module
On successful completion of this course, students will be able to:

1. Undertake practical projects to solve problems in the area of ITC.
2. Perform literature search on a selected topic of interest.
3. Apply what they have learnt to plan a project and develop a deliverable.
4. Produce project plans for successful undertaking of practical projects.
5. Write a detailed project report and communicate their ideas clearly.
6. Present their ideas and work formatively before an audience while progressing in their project.
7. Present their findings, outcome and deliverable before an audience

4. Pre-requisite modules or specified entry requirements
Normally, students are expected to have completed successfully the module TM355 or TM354 or TM351 before they can undertake TM471.

5. Intended learning outcomes	
A. Knowledge and understanding	**Learning and teaching strategy**
Upon completing this course, students will be able to: A1. Demonstrate understanding of the fundamental technical concepts and principles relevant to their project A2. Apply a systematic approach towards the practical implementation of their project A3. Plan a project while preparing a detailed schedule of the project tasks and milestones for 8 months.	This module will give students skills and experience for individual contribution in a project. Students will be assigned project advisors who will guide the students during the project. Students will work closely with their project advisor and provide evidence of progress through: • TMA Work (2 TMAs): 20% • Preliminary presentation: 10 % • Project Report: 40% • Project Presentation: 10% • Project deliverable: 20%

B. Cognitive skills	**Learning and teaching strategy**
Upon completing this course, students will be able to: B1. Identify and refine the goals and content of their project B2. Identify, list and justify the resources, skills and activities needed to carry out the project successfully B3. Conduct a proper literature search. Gather, analyse and evaluate relevant information to complete the project successfully B4. Critically review how they have tackled the project	This module will give students skills and experience for individual contribution in a project. Students will be assigned project advisors who will guide the students during the project. Students will work closely with their project advisor and provide evidence of progress through: • TMA Work (2 TMAs): 20% • Preliminary presentation: 10 % • Project Report: 40% • Project Presentation: 10% • Project deliverable: 20%

C. Practical and professional skills	**Learning and teaching strategy**
Upon completing this course, students will be able to: C1. Plan and organize their project work appropriately, and keep systematic records of plans, progress and outcomes C2. Identify and address the ethical, social and legal issues that may arise during	This module will give students skills and experience for individual contribution in a project. Students will be assigned project advisors who will guide the students during the project. Students will work closely with their project advisor and provide evidence of progress through: TMA Work (2 TMAs): 20% Preliminary presentation: 10 %

the development and use of Computing and IT systems C3. Analyse a practical problem and devise and implement a solution building on the knowledge and skills developed throughout their earlier OU studies and experience. C4. Provide a tangible solution by accomplishing their deliverable according to their project requirements.	Project Report: 40% Project Presentation: 10% Project deliverable: 20%

D Key transferable skills	Learning and teaching strategy
Upon completing this course, students will be able to: D1. Make effective use of a variety of information sources, including the internet, e-library and demonstrating awareness of the credibility of the source D2. Communicate information, ideas, problems and solutions clearly D3. Learn independently and reflect on what has been done, with a view to improving skills and knowledge D4. Present their work in a professional manner while addressing the audience in the domain.	This module will give students skills and experience for individual contribution in a project. Students will be assigned project advisors who will guide the students during the project. Students will work closely with their project advisor and provide evidence of progress through: • TMA Work (2 TMAs): 20% • Preliminary presentation: 10 % • Project Report: 40% • Project Presentation: 10% • Project deliverable: 20%

6. Indicative content.

Students are able to select a topic that meets their own experience and background. They are expected to work independently on the project and submit a project report, demonstrate a project deliverable and do a project presentation.

7. Assessment strategy, assessment methods and their relative weightings

TMA Work (2 TMAs): 20%
Preliminary presentation: 10 %
Project Report: 40%
Project Presentation: 10%
Project deliverable: 20%

8. Mapping of assessment tasks to learning outcomes

Assessment tasks	Learning outcomes														
	A1	**A2**	**A3**	**B1**	**B2**	**B3**	**B4**	**C1**	**C2**	**C3**	**C4**	**D1**	**D2**	**D3**	**D4**
TMA1			✓	✓	✓	✓		✓	✓	✓		✓		✓	
TMA2	✓	✓		✓	✓	✓	✓		✓					✓	
Preliminary presentation			✓	✓	✓		✓		✓	✓			✓	✓	✓
Project deliverable	✓	✓							✓	✓	✓	✓			
Project report	✓	✓	✓			✓		✓	✓		✓	✓	✓		
Project presentation	✓	✓				✓			✓	✓	✓	✓	✓		✓

9. Teaching staff associated with the module	
Tutor's name and contact details	Contact hours
Dr. Luai AlShalabi, lshalabi@aou.edu.kw	

10. Key reading list				
Author	Year	Title	Publisher	Location
Course adopted from OU, UK.				

11. Other indicative text (e.g. websites)
https://lms.arabou.edu.kw