



Faculty of Computer Studies

Tutor-Marked Assignment (TMA)

Course Code: TU170
Course Title: Computing Essentials
Cut-Off Date: TBA

Semester: Summer 2017 / 2018
Credit Hours: 3 Hours

Instructions for submitting your TMA

1. Create a new document file.
2. Name it: *StudentID_StudentName* (e.g. *099999_AhmadOmar*)
3. Answer the assessment questions in this file.
4. Submit the file on the Learning Management System (LMS) before the cut-off date.

Plagiarism Warning:

As per AOU rules and regulations, all students are required to submit their own work and avoid plagiarism. AOU has implemented sophisticated techniques for plagiarism detection. You must provide all references in case you use and quote another person's work in your answer. You will be penalized for any act of plagiarism as per the AOU's rules and regulations.

By submitting the assessment via LMS, you are declaring that it is a result of your own efforts and you have not plagiarized any other person's work.

Question One: [4 marks]

In your opinion: "What is the best web browser, and why?"

Discuss this question with your classmates on the discussion (common) forum of the TU170 page on LMS.

You should write at least 2 posts; one of them initiated (started) by you and the other as a reply to one of your classmates.

It is required to provide a screenshot for each post (Your name and ID should be clear). Otherwise, you will not get any mark for this question.

Question Two: [5 marks]

Search about "embedded operating systems" using the e-library in LMS, or any search engine.

It is required to provide:

- A paragraph (in your own words) describing embedded operating systems. (word count 40 – 80)
- Proper citation for the reference (website) you have used. (Please, refer to <https://support.office.com/en-us/article/Add-a-citation-and-create-a-bibliography-17686589-4824-4940-9C69-342C289FA2A5>)

Question Three: [4 marks]

Using a spreadsheet application, insert the values in Figure 1 into a worksheet and create a line chart comparing number of students registered in course X123 in the given years **in Bahrain and KSA branches only**.

(Please, refer to <https://support.office.com/en-us/article/Create-a-chart-from-start-to-finish-0baf399e-dd61-4e18-8a73-b3fd5d5680c2>, and to <https://www.excel-easy.com/examples/line-chart.html>)

Branch	2011	2012	2013	2014	2015	2016	2017	Average
Bahrain	70	80	90	75	80	85	80	80
Jordan	69	73	75	76	80	88	85	78
KSA	160	150	140	145	170	177	185	161

Figure 1: Number of students registered in course X123

It is required to copy the line chart from the worksheet and paste it in your solution document. (**Do not** paste it as a picture)

Question Four: [5 marks]

Send an email to your tutor explaining an important topic that you learned in TU170.

It is required to provide a screenshot of the email sent to your tutor (immediately before clicking "Send"). Otherwise, you will not get any mark for this question.

Note:

You should use your email account to send the email. If you don't have an email account, you can create a new one using any webmail provider.

Specifications: [2 marks]

Your solution document should include (or satisfy) the following:

- Header containing your name and ID
- Page numbering
- No grammar or spelling mistakes
- Size of your document ≤ 1 MB (Hint: reduce the size of screenshots)

End of TMA