
# Course Content

**Welcome to BMAN73701**


Welcome to the Blackboard space for BMAN73701:

- Use the navigation menu on the left to access a range of course resources and tools.

**Welcome + Course Outline**

Attached Files: Penalty and Plagiarism.docx (13.272 KB)
AMBS Reduced Scale Marking PGT Grade Descriptors.docx (60.884 KB)
BMAN73701_FullCourseOutline.docx (30.073 KB)

Welcome students to the module BMAN73701.

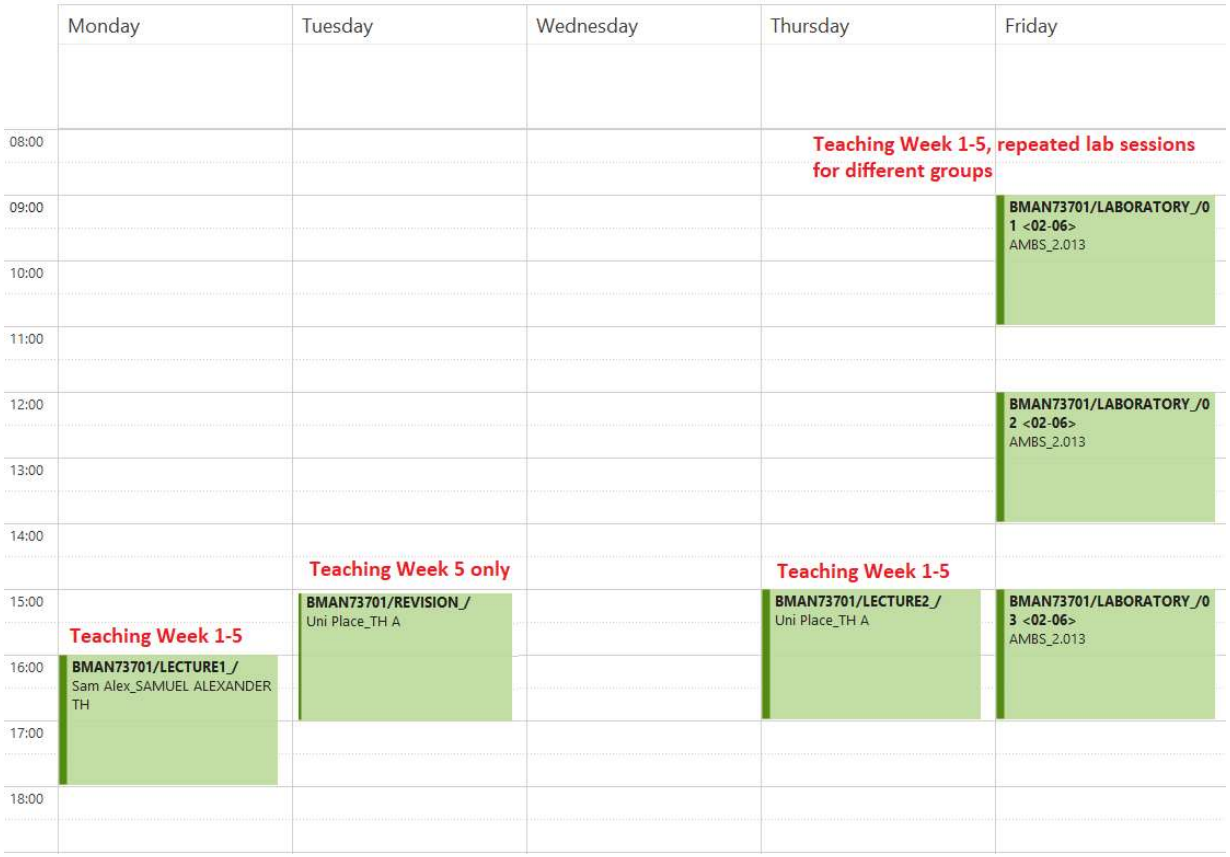
Attached is the **course outline for BMAN73701**. It covers the essential information you need to know about this module including course aims, learning outcomes, syllabus, reading list, assessment, topics to be covered, and mechanisms of feedback.

Attached is also information about the reduced marking scheme and penalty & plagiarism guidelines.

**A snapshot of the timetable for the course is provided** below for now. Although the timetable is unlikey to change at this stage, always refer to your personal timetable for the most updated version.

Enjoy the module,

Fanlin and Xian, Course coordinators




## Week 1, Lecture 1- Getting started with Python

Good programming skills is one of the skills that can help you to do your job more efficiently and in an automated fashion as well as help you stand out of the crowd of business students. In this first lecture of the module, we will first provide you with some **motivation for why Python and programming is fun and cool** before we familiarize ourselves with the **programming environment, Python essentials**, and finally start doing some **programming**.

Learning outcomes of this lecture include:

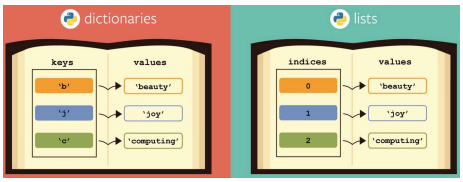
- Being comfortable with the Python editor, Spyder
- Overview of numeric data types
- Retrieve and output information from and to a user
- Being able to use Python as a calculator
- Understand notion of variables and variable type conversions


## Week 1, Lecture 2 - Conditionals and loops in Python

This lecture we will continue to learn about Python essentials. In the previous lecture we have considered type conversions, variables, string operations, and number data types. This lecture will extend this to **sequence and mapping types** and also cover **control flow statements**, such as for and while loops, if and else statements. Finally, to be able to write more advanced and compact code, we will also cover **comparison and Boolean operations**.

Learning outcomes of this lecture include:

- Overview of sequence (list, tuple, range, str) and mapping types (dictionary)
- Being able to apply operations on sequence and mapping types
- Understanding working principles of different control flows (for, while loops + if,else, elif, break, continue statements)
- Being able to read and write code with different control flow statements and sequence/mapping types
- Be comfortable to apply comparison (e.g. <, >, ==, !=) and Boolean operations (or, and, not)




**Recursion**

```
>>> def countdown (n):
...     if n <= 0:
...         print 'Blastoff!'
...     else:
...         print n
...         countdown (n - 1)
...
>>>
>>> countdown (3)
3
2
1
Blastoff!
>>>
```

**For Loop**

```
>>> def countdown (n):
...     for i in range (n, -1, -1):
...         if i <= 0:
...             print "Blastoff!"
...         else:
...             print i
...
>>> countdown (3)
3
2
1
Blastoff!
>>>
```

**While Loop**

```
>>> def countdown (n):
...     while n > 0:
...         print n
...         n = n - 1
...     print "Blastoff!"
>>>
>>> countdown (3)
3
2
1
Blastoff!
>>>
```