

**WE ARE
#CARDIFFMET**

BSC (HONS) COMPUTER SCIENCE

**CARDIFF SCHOOL OF
TECHNOLOGIES**

Induction & Enrolment Information

Academic Year 2019/2020



**Cardiff
Metropolitan
University**

**Prifysgol
Metropolitan
Caerdydd**

CONTENTS

- 1. Welcome from your Teaching Team**
- 2. Welcome from the Dean of Cardiff School of Technologies**
- 3. Pre-Entry Summer Task**
- 4. Enrolment / Student MetCard Collection**
- 5. Induction Week Timetable**
- 6. Draft Timetable / Typical Attendance**
- 7. Useful links**

1. Welcome from your Teaching Team

A very big welcome to Cardiff Metropolitan University and the Cardiff School of Technologies. We are so pleased you have chosen to spend the next few years studying with us and we are confident that you will have an enjoyable and fulfilling experience.

The whole team are on hand to help you get the most out of your time at Cardiff Metropolitan University. Please do not hesitate to contact us if you have any questions or concerns in the coming weeks, as you settle in to your new life at the University.

As a new student at Cardiff Met you will be assigned a Personal Tutor who will provide support throughout your time here. In addition, your Programme Director (or “PD”) will not only be an additional point of contact for support but will also be responsible for the academic and administrative coordination of the course.

This welcome pack has been written to help you get off the starting blocks and to let you know a little bit about your first week at the University. During Induction Week, you will have the opportunity to meet your lecturers, fellow students and learn more about Cardiff Met and the city. We hope you find the week fulfilling and enjoyable.

We are looking forward to meeting you soon!

Teaching Team

Cardiff School of Technologies

Programme Director Contact Details:

Dr. Thanuja Mallikarachchi

Lecturer in Data Science and Informatics

Programme Director for BSc. Computer Science

Department of Applied Computing and Engineering

Cardiff School of Technologies
Cardiff Metropolitan University
Llandaff Campus
Western Avenue
Cardiff
CF5 2YB



Tel: +44 029 2041 7207

Email: tmallikarachchi@cardiffmet.ac.uk

2. Welcome from the Dean of Cardiff School of Technologies

It is with great delight that I write to welcome you to this, the start of the next phase of your journey at an exciting time in the life of this relatively new school at Cardiff Met.

I suspect you may be experiencing a range of feelings right now. After your years of diligence and dedication to achieving your goals you have now, deservedly, been offered a place at Cardiff Met. You are quite possibly feeling a little trepidation coupled with excitement and maybe even some fear. All these feelings are entirely natural. Be under no illusion that you have both earned and deserve your place at Cardiff Met and you will thrive whilst part of the university community. Well done and congratulations for taking this next step!

Within the School of Technologies it is our aim to spend the next few years preparing you for successful careers in a range of sectors based on the skills you will learn with us. In addition to the obvious technical skills and knowledge, and particularly for those of you joining us straight from schools or colleges, we will be developing your talents to enable you to smoothly transition into the workplace upon graduation. We will help you develop your understanding of the required behaviours in any workplace. To do this we will be drawing on the whole School of Technologies community. Your studies will be complemented with guidance and coaching from the widely experienced staff body and may also draw on the experience of your fellow mature students undertaking the same programmes having followed careers elsewhere.

I've mentioned the word community a number of times. You will be joining the School of Technologies community and we want you to look forward to it. The community will comprise people on the same journey, on other technology programmes, postgraduate students and researchers and staff. It is a very close community united in its desire to improve both itself and to provide a safe and secure development environment for all its members. All that is required of you is that you engage and enjoy the opportunity whilst here.



Welcome to the Cardiff School of Technologies community we look forward to meeting you.

Yours Sincerely,

Jon Platts

BEng MSc PhD CEng FIET MInstMC MINCOSE

Dean of Cardiff School of Technologies

Professor of Autonomous Systems

3. Pre Entry Summer Task

The set of activities provided below have been prepared to inspire you and encourage your critical thinking and problem solving abilities; skills which are key to your success in the field of Computer Science. The order of the activities, composition of activities, programming languages used, and to what extent you complete the activities is entirely up to you. You are encouraged to work on these activities at your own pace and you may refer to any additional resources if required.

[Kaggle](#) is an online community of data scientists and machine learning engineers where you can find public datasets, academic discussions, industry trends and real-world problems that need innovative solutions. Kaggle's real-world data analysis and machine learning problems and public datasets are a great opportunity for students as well as professionals to learn the concepts of programming, data science and machine learning and win amazing prizes in the process.

Kaggle contains number of projects and competitions that are suitable for a range of skill levels and interests. As a beginner it might be worth looking into the following entry level competitions/projects.

- [Titanic: Machine learning from disaster](#)
- [Predicting house sales prices](#)

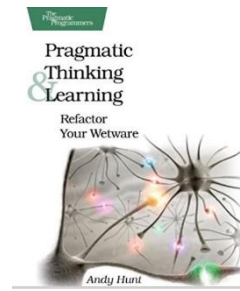
On the course, we will help you learn all about programming and problem solving, even if you've got no experience. Therefore, do not worry about the complexity of these problems at this stage. Go through the descriptions, explore the datasets provided, and you can also examine the solutions already provided by others. Kaggle also provides a range of tutorials on their website which might be useful to complete the tasks. **Don't worry if you can't follow everything in the activities– we'll be teaching you all about programming when you start in September.**

In addition, if you're keen to dip your toes in and try out some basic programming you can proceed through the following books and freely available online courses which provide step-by-step guidance to learn basic programming using C, Python, and Java.

- [C Programming - Absolute Beginners Guide](#)
- [Codecademy: Python 2](#)
- [Codecademy: Basic Java](#)

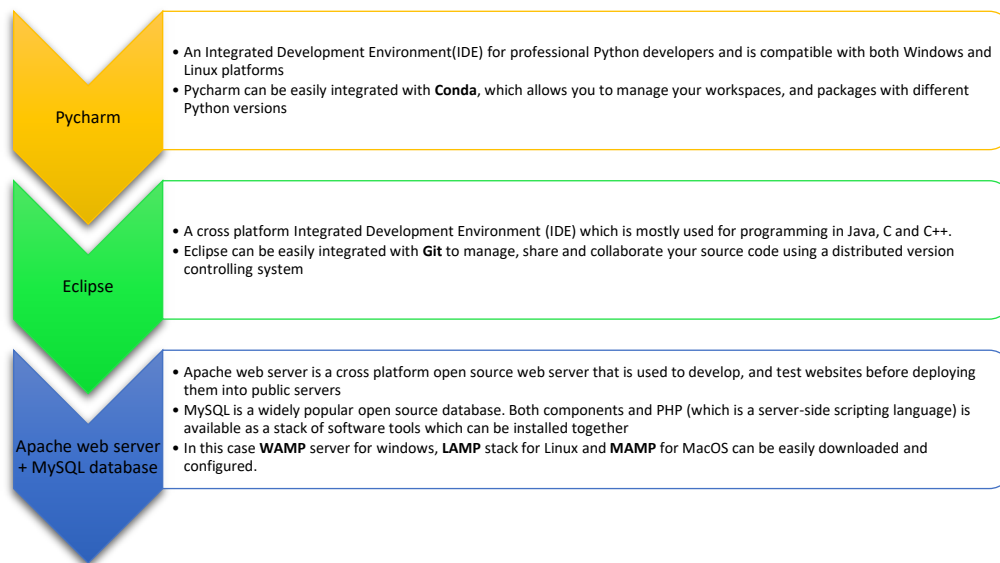
Furthermore, if you are keen in exploring deep concepts in data science and machine learning, we recommend going through **Scikit-Learn**, which is a popular machine learning library available for Python. It constitutes number of built-in machine learning algorithms, sample datasets and high-level APIs for constructing your machine learning model with few lines of codes. You can follow the [Scikit Learn Tutorials](#) as a starting point to learn basic machine learning techniques.

One of the key skills of any Computer Scientist, Software Engineer, Game Developer or Information Systems expert is problem solving! On your course you'll not only learn about technology, but you'll also learn about ways to solve problems. One thing you'll learn is that all modern software development tools and practices are built around trying things out and fixing it if you get it wrong! People who've been in software development for years still make mistakes, so don't worry if you do to! If you'd like to know more about approaches to problem solving check out the book [Pragmatic Thinking and Learning: Refactor Your Wetware](#)



Programming Tools and platforms:

As a student working towards a degree in Computer Science you will be encountering number of tools and platforms which will be used for designing, implementing and validating various software products and systems. Some of these are professional tools which you will potentially use once you enter the workforce as a professional. We will be assisting you in learning the usage of some of these tools during this course. However, it will be useful if you become familiar with some of them while attempting the aforementioned activities.



4. Enrolment / Student MetCard Collection

Enrolment is an important process which confirms your status as a Student. You can complete the online self-enrolment process from any computer through our Self Service system. Please note that in order to self-enrol; your status must be Unconditional Firm (UF).

You will receive an email notifying you when you are eligible to enrol online. The email will direct you to a password reset facility in order to request a password to be able to login and complete the enrolment process. For information and guidance on this process please make sure you visit our enrolment page – www.cardiffmet.ac.uk/enrolment.

This process is essential in that it will allow you access to your student loan (if applied for), payment of fees, Cardiff Met's IT systems and importantly enable you to obtain your Student MetCard.

You will also receive your Programme Handbook during your Induction Week. The Programme Handbook is a vital manual through the Programme and should be retained for usage throughout your course of study. Each academic year, additional information relating to that level will be provided. The Handbook offers guidance on Rules, Regulations and Procedures and guidance on learning for practice with information on all modules to be undertaken and reading lists.

Enrolment for International Students from outside the EU

If you are an international student (from outside the EU) you **will not** be required to enrol online before arriving at Cardiff Met. This is because it is a legal requirement for the university to check immigration documents of international students before they are permitted to enrol onto their courses. For more information about international student enrolment and a list of documents you will need to bring with you, please access the [international student pages](#) or contact the Immigration Compliance Team at immigrationregs@cardiffmet.ac.uk Tel: 029 2041 5644.

Library & Information Services

You will have access to Cardiff Met's Library & Information Services soon after completing your online enrolment. A confirmation email will be sent to you with your Cardiff Met login details. To see the facilities and services available, please refer to www.cardiffmet.ac.uk/library.

Your Student MetCard

A scheduled time for collection of your MetCard is stated within your **Induction Week** information. Your MetCard gives you access to all main campus buildings and doors. You can also add money to your MetCard to be able to access and pay at the self-service printers, copiers and Print Studio services. For further benefits of MetCard please [click here](#).

Fees

Your programme fees for September 2019 entry have been set at £9,000. If your programme has any additional costs attached to it, they will be listed on www.cardiffmet.ac.uk/additionalcosts. You should already be aware of these costs.

5. Induction Week Timetable

Your first semester as a new student starts with Induction Week, where you will settle into your accommodation, course and student life. Your Induction Week timetable is a schedule of events designed to familiarise you with Cardiff Met, its facilities and your fellow students. You will be given the chance to attend a range of events covering your course, library services, IT, student services and students union. You will also meet, and have a number of sessions, with your personal tutor to make your academic transition as smooth as possible.

There is the Freshers Fayre where you can sign up to a number of different societies and clubs, and the MetFest social event on Friday afternoon.

Don't forget to get involved on Twitter with we are #cardiffmet.

If you are new to Cardiff, there will also be plenty of opportunities for you explore the city, make new friends and settle into your new life.

Induction is a big occasion on campus and everyone gets involved. Don't be afraid to stop and ask - all of the staff and students are happy to welcome anyone new on campus.

Your events and confirmed timetable are currently being finalised and will be uploaded as a separate document on our [New Students](#) pages for you.

6. Draft Timetable / Typical Attendance

As a first year student, you will have access to your confirmed timetable from Induction Week (w/c 16th September 2019), which is prior to the first week of teaching.

If you have any specific problems or issues, please contact the Programme Director and we will do our best to accommodate you.

NB: Timetables are subject to change, right up to and including the start of term.

As a first year student, you will have access to your confirmed timetable from Induction Week, which is prior to the first week of teaching.

Please note that you will need to be enrolled before you can access this information. If your place has been confirmed but you have not been notified that you can enrol, please contact Admissions on what to do next.

7. Useful Links

[Timetable](#)

This link will give you access to your confirmed timetable. You need to have enrolled before you can access this link, and you will be contacted when the information is available.

[International & Partnerships Office](#)

Advice for international students from outside the EU on making your visa application, living in the UK, making accommodation arrangements or taking advantage of the Airport Welcome Service. The International & Partnerships Office will provide welfare support and learning advice throughout your course.

[DBS](#)

If your programme involves you coming into contact with children and young or vulnerable people then you will have been asked to carry out a criminal records check as part of your offer.

[Additional Course Costs](#)

Additional costs are the mandatory or optional expenses, additional to tuition fees that need to be paid for by students to fully participate and complete their studies. This covers such things as equipment, trips, placements and DBS checks. Each programme has different additional costs.

[Accommodation](#)

Students are able to move into Halls from Friday 14th September but internet access will only be available for those who have completed the enrolment process successfully. There will be events held throughout Induction, information of will be sent to you by Accommodation when confirmed.

[Student Services](#)

For help during your time with us in relation to your health, welfare, lifestyle and future career. The aim is to provide you with all the support you need to ensure your studies are as enjoyable and successful as possible. Services also include counselling, disability and chaplaincy.

[Student Finance](#)

For information on Tuition Fee Loans and Maintenance Loans, non-repayable grants, bursaries and scholarships that may be available.

[Cardiff Met Sport & Facilities](#)

[Cardiff Met SU](#) *including Freshers information & wristbands*

[Term Dates](#)

[Campus Maps, Bike Shelters & Met Rider](#)

Cardiff Met offers its own bus service called the Met Rider, you will be sent an application with your Induction & Enrolment Information. We also have Bicycle Storage shelters on each campus, with changing and showers available. The shelters are secured and are only accessed using your MetCard when you have requested permissions via the i-zone.

[Safe Taxi Scheme](#)

Cardiff Met operates a Safe Taxi scheme through Dragon Taxis which ensures you always have a way to get home.

[Virtual Tours](#)

Have another look around our campus and facilities with our guided virtual tours

[Student Handbook](#)

[Academic Handbook](#)

[Admissions Policy](#)

WELCOME 2019

induction week timetable

COURSE TITLE: BSc Computer Science
CAMPUS: Llandaff

MONDAY 16 th SEPTEMBER Dydd Llun 16 Medi	TUESDAY 17 th SEPTEMBER Dydd Mawrth 17 Medi	WEDNESDAY 18 th SEPTEMBER Dydd Mercher 18 Medi	THURSDAY 19 th SEPTEMBER Dydd Iau 19 Medi	FRIDAY 20 th SEPTEMBER Dydd Gwener 20 Medi		
<p>09:00-10:00 Arrival Llandaf Campus School of Management Building</p> <p>10:00 – 11:00 Subject Welcome Talk O1.16</p> <p>11:00-12:00 Personal Tutor Meeting O1.16</p> <p>12:00-13:00 Lunch</p> <p>13:00-15:00 School Welcome; Student Support and Wellbeing Introduction O1.01</p> <p>15:00-16:00 Induction Activity – Group Allocation T1.10/T1.11</p> <p>Evening SU Activities</p>	<p>09:00-10:00 Collect ID cards</p> <p>10:00-12:00 Induction Activity T1.10/T1.11</p> <p>11:00-12:00 Returning Student Induction</p> <p>12:00-13:00 Lunch</p> <p>13:00-16:00 Induction Activity & Meet Returning Students T1.10/T1.11</p> <p>Evening SU Activities</p>	<p>10:00 – 16:00</p> <p>Freshers Fayre</p> <p>Cyncoed Campus National Indoor Athletics Centre (NIAC)</p> <p><i>Your Student MetCard can be picked up throughout the day from the Enrolment Team based in the fayre.</i></p> <p>Evening SU Activities</p>	<p>10:00-16:00 Induction Activity T1.10/T1.11</p> <p>Evening SU Activities</p>	<p>9:00-12:00 Induction Activity T1.10/T1.11</p> <p>12:00-14:00 Showcase & Presentations T1.10/T1.11</p>		
				<p>14.00 - 19.00</p> <p>MetFest Llandaff Campus</p>		
		<table border="1" style="width: 100%;"> <tr> <td style="width: 50%; text-align: center;">Course specific events</td> <td style="width: 50%; text-align: center;">Social Events</td> </tr> </table>			Course specific events	Social Events
Course specific events	Social Events					