Università degli Studi di Napoli Federico II

Apple Developer Academy a partnership with Apple

http://developeracademy.unina.it

ANNEX A
Apple Developer Academy

Introduction

Arts practitioner or accomplished developer? All are welcome at the Apple Developer Academy. Whether you are new to programming and App development or an accomplished coder, you will find your place at the Academy. Bring your ideas and enthusiasm, and see how you can make an impact in the world.

The Apple Developer Academy experience is based on the Challenge Based Learning (CBL) framework, which is a multidisciplinary approach to teaching and learning. Using CBL our teachers encourage students to leverage the technology they use in their daily lives to solve real-world problems. CBL (http://challengebasedlearning.org) is collaborative and hands-on, asking students to work with other students, their teachers, and experts in their communities and around the world to develop deeper knowledge of the subjects they are studying, accept and solve challenges, take action, share their experience, and enter into a global discussion about important issues. At the Academy, the language of instruction is English.

The Apple Developer Academy in Naples has three core curriculum areas to help students to learn the complete lifecycle of creating applications for the App Economy. The core topics will cover:

1. Coding

Through the technical curriculum students will acquire the core programming knowledge enabling them to develop iOS applications, explore frameworks and express themselves through technology to transform ideas into real world solutions.

2. Design

The Design curriculum provides the skills for the students to understand not only the basic concepts of what design is but also what it is not. They will acquire an understanding of the form-function relationship and how to carry out different types of research related to User Interface and User Experience Design (UI/UX). They will also learn to structure a project from its inception to its conclusion.

3. Business & Marketing

The Business and Marketing curriculum provides the skills for the students to understand the App Economy and the App Store ecosystem. They will acquire a deep understanding of how to market their apps in the fast changing and ever evolving competitive App Store landscape. They will also learn to turn their apps into a potential business, and understand what is required to start - and run - their own company. Finally, they will gain the skills necessary to acquire and be successful in a job with an existing company.

Students will also have the opportunity to practice and improve their "soft skills" (emotional intelligence, adaptability, ability to collaborate and negotiate, situational awareness, ability to communicate, etc.) in the overall program at the Academy.

The Apple Developer Academy students create Apps as part of the curriculum, and fully own the Intellectual Property of what they create during their time at the Academy.

For the academic year 2019/2020 the Apple Developer Academy will welcome on board **378 students.** The selected students consist of 358 candidates who have applied for the default selection procedure ("Apple Developer Academy") plus 20 more candidates who have applied for the Foundation selection procedure ("Apple Developer Academy Foundation Students")**.**

Below a short description of the path:

A.1 Structure of classes

Classes are formed by two parallel student cohorts, associated, respectively, with a morning (9 am to 1 am) slot and an afternoon (2 pm to 6 pm) slot.

- o Expected start date of courses: Mid September/start of October 2019
- o Expected end date of courses: June 2020

A.2 Application form and registration procedure

The application form must be submitted, exclusively on-line through the following website: http://www.developeracademy.unina.it

The on-line registration for the "Apple Developer Academy" is available as soon as the notice is published, and will close mandatorily, and under penalty of exclusion from the selection procedure, at 14.00 (Italian time) of June, 21st 2019. In order to be admitted to the selection each applicant must own a personal email address. The on-line application procedure is based on the filling of an on-line application form as described below.

1. Go to the website www.developeracademy.unina.it.
2. Select "Register Apple Developer Academy".
3. The applicant must then complete a form making sure that:

a. All the requested data are inserted;
b. The location where to take the test is indicated;
c. The following documents are uploaded: Curriculum vitae in European format, a copy of University Degree or High School Diploma; copy of an identity document;
d. The responsibility assumption box about the truthfulness of the entered data is checked;
e. The "I am not a robot" captcha box is checked;
f. The "Send" button is clicked.

Failure to comply to the aforementioned provisions will prevent admission to the selection and, in any case, result in the exclusion from the procedure.

Applicants with disabilities who require assistance to carry out the selection procedure should select "yes" in the box "special needs" and must send, by e-mail to developeracademy@unina.it – as condition for obtaining the requested assistance - within and not later than 14.00 (Italian time) of June 21st 2019, an email providing details about the aid needed, as well as the possible need for additional time to complete the test.

Applicants affected by specific learning disorders (SLD - dyslexia, dyscalculia, dysgraphia and dysorthographia), whose diagnosis is certified (the certificate must be sent to the email address within the abovementioned deadline) are granted an additional time equal to 30 percent more than that defined for the admission test and the possibility of using compensatory measures.

These applicants, therefore, will forward (in the manner and within the terms above mentioned) a request in which they clearly indicate the needed compensatory measures, as functionally specified in the diagnosis. Diagnoses without a functional specification are not suitable to support the authorization of the mentioned measures. Therefore, a certificate containing the clinical diagnosis of SLD must be attached to the request. The Administration will evaluate the requests of aid filled by disabled applicants or with a diagnosis of SLD, with the cooperation of the relevant University structure: Centro Servizi di Ateneo per l'Inclusione Attiva e Partecipata degli Studenti (S.IN.A.P.S.I.). The outcome of these evaluations will be communicated to interested parties by email.

A.3 Selection procedure

In order to be eligible for the Apple Developer Academy, applicants
- must hold a **high school diploma** (or an equivalent qualification);
- **must not have already attended the Apple Developer Academy in Naples during academic years 2016/2017, 2017/2018 or 2018/2019.**

The selection will be based on the outcome of two phases.

To get prepared for phase 1, the applicants will have an opportunity to access a selected set of online materials, and take an initial online self-assessment. The self-assessment will be focused on information from the provided materials and does not require previous knowledge in any specific field. The online self-assessment is aimed at better preparing the applicants for the rest of the selection process, and does not represent a formal step towards acceptance at the Academy. The self-assessment module will be accessible to the applicants on May 14th, 2019. Applicants will be notified by email.

Phase 1 – Assessment test

Applicants will be invited to sit for an automated assessment based on a multiple-choice test. Respondents will be asked to select the only correct answer out of the **4** available choices from a list of **30** stems. Each correct answer adds **2** points to the total mark, whereas each wrong answer will subtract **0.5** points from the test taker's score. Missing answers will have no influence on the total mark (i.e., they count as 0 points). With the above- mentioned rules, the maximum achievable test score is **60** points.

The test will have a duration of **60 minutes** and will touch upon the following topics:
- **logical reasoning**;
- **coding**:
• basic concepts, Object Oriented Programming, Swift programming basics, Design Patterns;
- **design**:
• basic concepts, responsive and adaptive design, conceptualization for mobile applications, user-centered design processes, digital concepts creation, sketches, prototypes, diagrams, screen schematics, wireframes (i.e., interaction specifications), etc.

The first phase will be aimed at selecting the top **550** applicants, ranked by score.

Phase 2 – Motivational interview

The 550 applicants selected after phase 1 will be invited to a motivational video-conference interview, in English, during which they will have a chance to present their own portfolio of competences. A maximum of **40** points can be earned with the interview.

During the interview, applicants might be asked:

1) to provide a brief presentation of their curriculum vitae;

2) to explain the professional reasons grounding their application;

3) to describe their career perspectives as a result of the course;

4) to illustrate the technological issues they are more interested in;

5) to specify the application areas in which they believe to be able to develop their activities under the program;

6) to provide a description of their individual and professional characteristics;

7) to provide a description of their creative skills.

During the interview the applicant might also be asked to briefly present a solution approach to a simple logical-computational problem and/or sketch a base design palette for a project.

After completing the second phase, the top **358** applicants will be invited to attend the Academy classes. They will be become part of the 2019/2020 Developer Academy class, which will be divided in two cohorts (morning and afternoon). In the event of a tie, the younger applicant shall prevail. The ranking will be scrolled should any of the selected candidates renounce his/her seat at the Academy.

A.4 Date and place of the assessment test

The assessment test will be held in Naples, on the ground floor of the Campus of Biotechnology Sciences of the University Federico II (Via De Amicis, 95). The starting date for the tests is July 8th 2019.

The timetable of the tests will be announced exclusively by an on-line publication in the Official Noticeboard of the Università degli Studi di Napoli Federico II (available on the web site www.unina.it) and by means of publication on www.developeracademy.unina.it

For this year's selection the Academy is offering applicants to sit for on-line assessment also in one of the following remote examination sites. Availability of seats is limited in the remote examination sites. Access to remote sessions will be granted on a First-Come-First-Served basis. Overflow applicants will be invited (via e-mail) to take their exams in Naples.

Paris: July 1st (up to 48 seats)
Address: Apple France, executive Briefing Center – 6th Floor
7, Place d'Ilena, Paris, France

London: July 3rd (up to 80 seats) Address:
Apple London, Chelsea Room 2nd Floor
1 Hannover Street, London, Greater London W1S 1YZ, UK

Munich:, July 5th (up to 64 seats)
Address: Apple Germany, Executive Briefing Center
Arnulfstrasse 19 Munich, Bavaria-Bayern 80335, Germany

Please note:
This schedule might be subject to changes. The updated schedule will be published on the Apple Developer Academy web site.

A.5 Location

The training will take place at the Apple Developer Academy, Università degli Studi di Napoli Federico II, Campus of San Giovanni a Teduccio, Corso Nicolangelo Protopisani 70, Naples, Italy.

A.6 Attendance of the Classes

Class attendance is mandatory. Participants are required to respect the minimum limit of attendance, which is the 80% of the scheduled hours.

A.7 Scholarships and economic support funds

Apple has made available a number of scholarships equal to 5% of the students admitted to the Developer Academy, for an amount of € 7.200,00 (net IRAP tax) for the entire duration of the classes, in accordance with the final ranking.

All other students, based on the applicable European regulations (see European Social Fund regulations at **http://www.fse.regione.campania.it),** might receive from Regione Campania an attendance of allowance for the entire duration of the classes*.

*The contribution from Regione Campania will be provided to the students subject to the availability of funds.

Information

For further information, do not hesitate to contact us at the following
address: developeracademy@unina.it

This Annex is an integral part of the announcement and has been originally written in Italian. The English version is a translation for information purposes only. In case of discrepancy, the Italian version shall prevail and be binding.

Naples, May, 14 th 2019

F.to Il Direttore del Coinor

Prof . Luciano Mayol