



General Information	
Academic subject	Computer Science
Degree course	Pharmacy
ECTS credits	3
Compulsory attendance	Yes
Language	Italian
Academic year	2020-2021

Subject teacher		
Course A-M	Name Surname	Role
	Enrico Fontana	Contract Professor
	Mail address	Telephone number
	enrico.fontana@uniba.it	
Course N-Z	Name Surname	Role
	Enrico Fontana	Contract Professor
	Mail address	Telephone number
	enrico.fontana@uniba.it	

ECTS credits details		Area	SSD	CFU/ETCS
Basic teaching activities		Area 01 – Math and Computer Science	INF/01	3

Class schedule	
Period	Annuity
Year	First
Type of class	On-line

Time management	
Hours	1 hour = 60 minutes
In-class study hours	30
Out-of-class study hours	75

Academic calendar	
Class begins	November 2020
Class ends	May 2021

Syllabus	
Prerequisites/requirements	Math, logic and digital literacy
Expected learning outcomes	<i>Knowledge and understanding on:</i> <ul style="list-style-type: none">○ Digital devices;○ Information and Communication Technologies (ICT);○ Digital Services;○ Data Literacy;○ Informative Systems;○ Cybersecurity; <i>Applying knowledge and understanding on:</i> <ul style="list-style-type: none">○ Use of ICT;○ Office automation;

	<ul style="list-style-type: none"> ○ Unified Communication and collaboration ○ Online services; ○ Cybersecurity; <p><i>Making informed judgments and choices:</i></p> <ul style="list-style-type: none"> ○ Understanding of on-line services; ○ Choise of ICT; ○ Security awareness; <p><i>Communicating knowledge and understanding</i></p> <ul style="list-style-type: none"> ○ ICT ○ Digital services <p><i>Capacities to continue learning</i></p> <ul style="list-style-type: none"> ○ Digital Transformation
Contents	<ul style="list-style-type: none"> - Introduction to ICT - Digital devices and hardware - Software - Office automation and unified communication and collaboration - Network of telecommunications - Internet, application layer and online services - Digital transformation and technologies assets - Cybersecurity - E-gov and digital tools - Informative Systems
Course program	
Bibliography	<ul style="list-style-type: none"> - Dennis P. Curtin, Kim Foley, Kunal Sen, Cathleen Morin, "Information Technology: the breaking wave", McGraw-Hill Education, 2016 - Fontana E., "Capire l'ICT nell'Era Digitale", Course lecture notes, provided by the professor.
Notes	https://www.mheducation.it/informatica-di-base-6-ed-con-connect-e-ebook-9788838615375-italy
Teaching methods	Frontal lessons and workshop
Assessment methods	Write test and oral exam
Evaluation criteria	<ul style="list-style-type: none"> ● <i>Knowledge and understanding</i> <ul style="list-style-type: none"> ○ Correctly respond to answer on ICT ● <i>Applying knowledge and understanding</i> <ul style="list-style-type: none"> ○ About data literacy ● <i>Autonomy of judgment</i> <ul style="list-style-type: none"> ○ About the complexity of ICT ● <i>Communication skills</i> <ul style="list-style-type: none"> ○ About the description of ICT. ● <i>Capacities to continue learning</i> <ul style="list-style-type: none"> ○ About the use of digital services.



UNIVERSITÀ
DEGLI STUDI DI BARI
ALDO MORO

dipartimento di
farmacia-scienze del farmaco

Further information	
---------------------	--