



UNIVERSITÀ DEGLI STUDI DI PALERMO

DIPARTIMENTO	Ingegneria
ANNO ACCADEMICO OFFERTA	2022/2023
ANNO ACCADEMICO EROGAZIONE	2023/2024
CORSO DILAUREA MAGISTRALE	MANAGEMENT ENGINEERING
INSEGNAMENTO	LAB OF BUSINESS PROCESS DIGITALIZATION
TIPO DI ATTIVITA'	F
AMBITO	21260-Altre conoscenze utili per l'inserimento nel mondo del lavoro
CODICE INSEGNAMENTO	22396
SETTORI SCIENTIFICO-DISCIPLINARI	
DOCENTE RESPONSABILE	BRUCCOLERI Professore Ordinario Univ. di PALERMO MANFREDI
ALTRI DOCENTI	
CFU	3
NUMERO DI ORE RISERVATE ALLO STUDIO PERSONALE	48
NUMERO DI ORE RISERVATE ALLA DIDATTICA ASSISTITA	27
PROPEDEUTICITA'	
MUTUAZIONI	
ANNO DI CORSO	2
PERIODO DELLE LEZIONI	2° semestre
MODALITA' DI FREQUENZA	Facoltativa
TIPO DI VALUTAZIONE	Giudizio
ORARIO DI RICEVIMENTO DEGLI STUDENTI	

DOCENTE: Prof. MANFREDI BRUCCOLERI

PREREQUISITI	Foundations of Business Process Management
RISULTATI DI APPRENDIMENTO ATTESI	Knowledge and understanding At the end of the Lab the student will have acquired knowledge on the importance of Digital Transformation and how Pega, along with Design Thinking and the Agile methodology can make the transition smooth. The main design and development concepts related to the Pega low-code platform will be clear for the student by the end of the Lab. Applying knowledge and understanding At the end of the Lab the student will be aware of the main development concepts around Pega and he or she will be able to follow the different phases of a Pega implementation project. He/she will be able to define specifications, define a Case Type and prototype its main processes. Making judgements The student will be able to make judgments about the strategy used for the implementation of a specific Case Type or Process, investigate possible issues with the architecture proposed and suggest improvements. Communication skills The student will acquire the ability to express and discuss the main issues related to Pega platform, case management and the main concept related to design thinking. Learning skills The Student will have all the tools to improve his knowledge in Pega, by exploring the platform itself and any application he might encounter.
VALUTAZIONE DELL'APPRENDIMENTO	The evaluation will be based on a written exam. The exam aims to assess the competences and the knowledge learnt during the Lab. The questions will verify: acquired knowledge; elaboration capability; talking capability; ability to build autonomous connections not bound to the referring textbooks; capability to produce autonomous evaluations inherent the course topics; capability to understand the applications connected with the discipline areas; capability to connect the discipline topics with the referring professional and technological context. The exam will be not passed if the student will show a not acceptable knowledge of the topics
OBIETTIVI FORMATIVI	Proper knowledge of the PEGA system and methodology for business process digitalization. The student will understand the logic of PEGA and will know how to use it at a basic level.
ORGANIZZAZIONE DELLA DIDATTICA	Lezioni frontali, esercitazione e attività pratiche su piattaforma PEGA
TESTI CONSIGLIATI	Lecture notes and presentations

PROGRAMMA

ORE	Lezioni
2	Introduction to class, resources & exercise system
3	Introduction to the Pega Platform and the Pega Express™ methodology
2	Requirements management and collaboration
3	Case lifecycle design
3	Data model, data validation and routing
2	UI and Reporting

ORE	Laboratori
2	Introduction to case lifecycle design
2	Feature driven development
2	Case lifecycle design
1	Data relationships
2	Routing
3	UI and Reporting