
 <b>USMP</b> <small>FACULTAD DE INGENIERÍA Y ARQUITECTURA</small>	SCHOOL OF ENGINEERING AND ARCHITECTURE	Year: 2018
	PROFESSIONAL SCHOOL OF CIVIL ENGINEERING	Semester: 2018-II

# Civil Engineering II Final Project List


## CIVIL ENGINEERING

	last name and names of the student	Title of the project	Description	Surnames and names of the adviser
1	Baca Ingar Diego Andrew	Quality management in the Callao health center project according to the PMBOK guidelines	Prepare an integration plan for quality management in the project installation of first level care services in sector "G", neighborhood XV, Grupo Residencial 3 - West Zone - Ventanilla District - Callao Second Stage.	Arrieta Freyre, Javier Eduardo
2	Barahona Soto. carlos antonio Mayhua Benavides Christian	Cold recycling of asphalt binder for optimize costs using emulsion cationic	Cold recycling the asphalt layer of a road to optimize costs using asphalt emulsion.	Arrieta Freyre, Javier Eduardo
3	Bellido Luna Frank	Comparative study for the replacement of type V portland cement by type HS portland cement in the Víctor Raúl Haya de la Torre sanitation work	Determine the durability of concrete made with type HS portland cement instead of type V cement.	Arrieta Freyre, Javier Eduardo
4	Blaz Cespedes Raul Alfred	Design of a water treatment plant residuals in the district of Carmen de la Legua using the trickling filtration method.	Design a wastewater treatment plant for the municipality of Carmen de la Legua, for the irrigation system of green areas.	Arrieta Freyre, Javier Eduardo
5	Bringas Urizar alfredo jeanpiere	Characterization of the Lima aquifer for the optimal design of wells in the Santa María de Huachipa populated center for the purpose of capturing and using groundwater.	Evaluate the characterization of the Lima aquifer for the optimal design of wells in the Santa María de Huachipa populated center for the purpose of capturing and using groundwater.	Arrieta Freyre, Javier Eduardo
6	Fields P Michell Cousin M Kenny	Analysis of the stabilization of the silty sandy soil of the UNALM using combinations of silica sand with snow lime	Determine the potential of the use of snow lime and silica sand in the improvement of the properties of the silty sandy soil of the UNALM.	Arrieta Freyre, Javier Eduardo
7	carhuancho Zaldana, Daniel Arming	Hydraulic simulation of the Rímac river in Chosica for the purpose of designing river defenses and impeachment walls.	Carry out hydraulic modeling to identify flood-prone areas and proposal for channeling walls in the Rímac River in the Hydrometric Station - Urbanization Santa María section, Chosica.	Arrieta Freyre, Javier Eduardo
8	Garcia Montenegro Ana Cecilia Portocarrero Casanova, Anais Veronica	sand soil stabilization - clayey using ash from sugarcane bagasse and lime in the district of La Molina	To evaluate the influence of the combination of sugarcane bagasse ash and lime on the results of stability of sandy-clayey soils in the district of La Molina.	Arrieta Freyre, Javier Eduardo
9	Jacay Astudillo Karen Angie	Disaster prevention dam design in	Propose the design of dikes in the creek for disaster prevention	Arrieta Freyre, Javier Eduardo
<b>Elaboration:</b> Ing. Jhony Marín Vásquez December 2018		<b>Revision:</b> Ing. Rubén Cuadros Ricra January 2019		<b>Approval:</b> Ing. Rubén Cuadros Ricra January 2019

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		Pedregal Chosica active stream	in the areas surrounding the Pedregal – Chosica stream. In such a way that its construction can be executed in the following years.	
10	juarez la rosa norvel anthony Warrior Palomino, Jose Maria	soil improvement clay adding granulated rubber	Determine the incidence of granulated rubber, a product obtained from tire recycling, in the improvement of clayey soil.	Arrieta Freyre, Javier Eduardo
eleven	Levano Estrada Alejandro Omar	Stabilization of clayey soils by means of additives (terrasil) in the district of ancón	Carry out the soil stabilization study with the Terrasil additive to be able to evaluate its influence and see the file technology complies with what is indicated in order to consider it necessary for the management and treatment of aspects geotechnical.	Arrieta Freyre, Javier Eduardo
12	Ramirez de la Cruz Danny Bryam	Study and design of a public network for a water supply system Drinking at the beach club Puerto Fiel Cerro Azul – Cañete	Execute the analysis of a drinking water network to seek improvement in terms of quality of life of the population of the Puerto Fiel Cerro Azul – Cañete beach club.	Arrieta Freyre, Javier Eduardo
13	Salazar Salazar, Jimena Fatima	improvement of the drinking water system of the population of Tornameza	The potable water system service must be achieved with all technical considerations according to the Peruvian norm NORMA OS.01 Sanitation works The Water storage system – Reservoir, will be designed for a useful life of 20 years, according to Peruvian regulations.	Arrieta Freyre, Javier Eduardo
14	Sanchez Alfaro yelixia	comparison of behavior of concrete using ground raw glass instead of fine aggregate	To compare the behavior of concrete using ground raw glass as fine aggregate instead of fine aggregate to determine the properties of concrete in its fresh and hardened state.	Arrieta Freyre, Javier Eduardo
fifteen	Tapara Sotomayor lyseth katyana	determination of the seismic vulnerability of self-built houses in sector 10 – VES for reinforcement purposes	Determine the degree of seismic vulnerability in which the self-constructed houses are found in sector 10 of the district of Villa el Salvador applying the vulnerability index method.	Arrieta Freyre, Javier Eduardo
16	Yacavilca Huarca dante	use of carbon nanotubes to improve the mechanical properties of type I portland cement concrete	Demonstrate that the addition of carbon nanotubes improves the mechanical properties of Type I Portland cement concrete.	Arrieta Freyre, Javier Eduardo
17	Alvarado Romero, Jose Daniel Llanos Ramirez, Jordy Jesus	Implementation of a Safety management system under the OHSAS 18001 standard for the company Johesa Constructora SRL	Propose a safety management system according to the OHSAS 18001:2007 standard for the construction company Johesa Constructores SRL.	Oblitas Santa Maria, Juan Manuel
18	Nauí Rojas, Karla pamela	Proposal for a health and safety manual for informal building works	The current work has as a general objective, is to make a proposal for a safety and health manual for works	Oblitas Santa Maria, Juan Manuel

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			informal constructions that guarantee the physical integrity and health of its workers and any person who has access to the work.	
19	saw wheel, Alexander George	Design of the drainage and wastewater treatment system in the Collazos CC.PP of the district of Lower Chinchá - Chinchá - Ica.	Design an installation of the drainage and wastewater treatment system for the CC.PP Colazos in the district of Chinchá Baja - Chinchá - Ica.	Oblitas Santa María, Juan Manuel
twenty	Poma Quipe, Erick Gilmer	foundation system alternative with the implementation of micropiles for houses on soils prone to liquefaction in the chorrillos district	Introduce a functional foundation system capable of mitigating and preventing damage to the housing structure, caused by the effect of soil liquefaction.	Oblitas Santa María, Juan Manuel
twenty-or	Torres Rivera, Grace	Comparative analysis between a rigid pavement and a Flexible pavement for the expressway of Nueva Ciudad de Olmos	Carry out the designs of rigid and flexible pavements of the Expressway located in the New City of Olmos, to carry out a comparative analysis, using AASHTO 93 design methodology.	Oblitas Santa María, Juan Manuel
22	Lllerena Villacrez, Derian Manuel	Productivity and optimization of the execution of the "Liberty" building project.	Correctly carry out the implementation of the "Lean Construction" methodology for an improvement in production in the multi-family construction "Edificio Liberty" built by the company "proyectos y construcciones Lugaños SAC	Oblitas Santa María, Juan Manuel

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