
 USMP <small>FACULTAD DE INGENIERÍA Y ARQUITECTURA</small>	SCHOOL OF ENGINEERING AND ARCHITECTURE	Year: 2021
	PROFESSIONAL SCHOOL OF CIVIL ENGINEERING	Semester: 2021-I

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	Ayala Machare, mary elizabeth Verastegui Rivera, Luis Braulio	Preparation of technical housing file multifamily in lima metropolitan with the BIM 360 platform for time and quality improvement	Determine the correlation between the BIM 360 platform and the improvement of time and quality in the preparation of technical files for multi-family homes in Metropolitan Lima.	Oblitas Santa Maria, Juan Manuel
2	Ortiz Quispe, Ornella Perez Huaman, Freddy Giancarlo	Proposal for a risk management system for the multifamily project Madrid Time in the Lince district	Propose a management system to improve the results of the Madrid Time project.	Oblitas Santa Maria, Juan Manuel
3	Chavez Guerrero, Daniel Enrique Mendoza Corcuera, jhadir alexander	Affectation of the new covid-19 prevention protocols on the performance and progress of the work of the improvement project for Jr. obreros blocks 05 and 06 in the District of La Victoria, Lima.	Determine the influence of the new protocols and the new directives imposed by the government for the works on the performance of the workforce.	Oblitas Santa Maria, Juan Manuel
4	Gomero Calf, Billie Angelo Gianmarco. Munoz Rovellano, Daniel Alberto.	Application of the Benedetti and Petrini method to determine the level of vulnerability seismic in the houses of the AA.HH Union and Progress in the Mz "D" of the Callao District – Constitutional Province of Callao.	Apply the Benedetti and Petrini method to determine vulnerability seismic, in the AA.HH Unión y Progreso houses in the Mz "D" of the Callao District – Province constitution of Callao.	Oblitas Santa Maria, Juan Manuel
5	Cordova Nunez, Paulette Hillary. Llanos Ayala, Max Alonso.	Non-linear analysis of the structural performance of the Luis Heysen Hospital Inchaústegui and design optimization using energy dissipators in the event of a severe earthquake.	Analyze the structural performance of the Luis Heysen Inchaústegui Hospital, in the face of a severe earthquake and optimize it using seismic energy dissipators.	Oblitas Santa Maria, Juan Manuel
6	Mayta Luque, Mariela Alejandra nihua bald, brayand junior	Confrontation of the PCI and VIZIR methods to obtain the best maintenance alternative in Los Próceres Avenue Azangaro province Puno department.	To compare the PCI and VIZIR methods in the flexible pavement of Avenida Los Próceres in the province of Azángaro, department of Puno to obtain the best maintenance alternative	Oblitas Santa Maria, Juan Manuel
7	kings necklaces, Eduardo	Proposal for a geometric design of a bicycle path to improve mobility in	Develop a geometric design of a bike path to improve mobility for cyclists on Av. Velazco Astete and Av.	Oblitas Santa Maria, Juan Manuel

Elaboration: Ing. Jhony Marín Vásquez September 2021	Revision: Mr. Arnaldo Falcón Soto October 2021	Approval: Mr. Arnaldo Falcón Soto October 2021
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	Vega Turner, alonso	cyclists on Av. Velazco Astete and Av. Caminos del Inca – Surco.	Inca Trails – Furrow.	
8	Torres Puma, Rene peel	Study of the influence of recycled aggregates with the addition of 10% microsilica on the compressive strength and durability of concrete fc 210 kg/cm ²	Determine the influence of recycled aggregates with the addition of 10% microsilica on the compressive strength and durability of concrete fc 210 kg/cm ²	Oblitas Santa Maria, Juan Manuel
9	Balladares Pizarro, michael santiago José	Design of a sanitary landfill to satisfy the demand for the final disposal of solid waste in the district of Yorongos, province of Rioja, department of San Martín	Carry out a RS design that allows satisfying the demand for the final disposal of RSS in the district of Yorongos, Province of Rioja, department of San Martín.	Oblitas Santa Maria, Juan Manuel
10	Bustos Espinoza Ferdinand Jose	First order evaluation by the Benedetti–Petrini method to determine the level of vulnerability seismic within the quadrant Av. Prolongación Tacna with Jr. Cajamarca – Rímac	Prepare the first order evaluation by the Benedetti–Petrini method to determine the level of seismic vulnerability in the quadrant Av. Prolongación Tacna con Jr. Cajamarca in the Rimac District.	Oblitas Santa Maria, Juan Manuel
eleven	llaique chullunquia, Goldwin Aviles	Design of hydraulic works for sprinkler irrigation, to optimize the use of water on the Aroco lateral of the Hinchupalla Irrigation Committee – Sutunta irrigation system – Espinar – Cusco	Design hydraulic works for sprinkler irrigation, in order to optimize the use of water on the Aroco lateral of the Hinchupalla Irrigation Committee – Sutunta – Espinar – Cusco Irrigation System.	Oblitas Santa Maria, Juan Manuel
12	Colque Cross, Edison	Comparative analysis of the influence of calcium nitrate and SikaRapid–3 PE admixture on the concrete setting process in cold climates.	Determine how the use of Calcium Nitrate and SikaRapid–3 PE admixture affects the concrete setting process in cold climates.	Oblitas Santa Maria, Juan Manuel
13	Lizarbe Taipe, Jordy Angelo Tacas Garcia, grace	Use of synthetic rubber as an additive to improve the mechanical properties of rigid pavements in Lima	Determine the influence of granulated synthetic rubber from disused tires on the mechanical properties of rigid pavement in the city of Lima.	Oblitas Santa Maria, Juan Manuel
14	Aguilar Huacho, Pamela Rosmery Beating Gallegos, oscar harold	Proposal for the implementation of an overpass at the intersection of Av. Sánchez Carrión with Av. Salaverry, Jesús María to reduce traffic congestion using the Synchro 8.0 Software	Prepare the proposal for an overpass to reduce traffic congestion at the intersections of Av. Sánchez Carrión and Av. Salaverry.	Oblitas Santa Maria, Juan Manuel
fifteen	Ponce Falcon edinson	cement application portland type i and lime in clayey soils to improve their stabilization on roads in the province of Leoncio Prado – Huánuco	To determine the influence of Type I Portland cement and lime, to stabilize the soil in clayey condition on the roads of the province of Leoncio Prado.	Oblitas Santa Maria, Juan Manuel
16	Ayon Luna, John Roger	The earthmoving process and the Lean methodology	Demonstrate that the application of Lean Construction will optimize the process of	Oblitas Santa Maria, Juan Manuel

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		Construction, La Alameda Project – Rímac	Earthworks in the Alameda work – Rímac	
17	baquedano Calderon, Omar braulio enrique	Optimization of the drinking water and sewage service project, applying the Last Planner System methodology, in the town Cashnahuasi, San Martin District, El Dorado Province, San Martin Department.	Optimize the drinking water and sewerage project applying the LPS methodology, in the Cashnahuasi locality, San Martin, El Dorado, Department of San Martín	Bouquets Flowers. Miguel Angel
18	Cabellos Garcia, Julio André Tello Slee, Greece Jasmine	"Influence of the Lean Construction Philosophy in the planning and execution of the project: Improvement of educational services of the IEI No. 480 DEL AH 9 de Octubre (II STAGE), District and Province of Huarney, Department of Ancash"	Determine how the Lean Construction Philosophy influences the planning and execution of the project: Improvement of educational services of the IEI No. 480 DEL AH 9 de Octubre (II ETAPA), District and Province of Huarney, Department of Ancash "	Bouquets Flowers. Miguel Angel
19	chura saavedra Pamela Fiorela	Design of cellular concrete vaults with polypropylene fiber for lightened slabs	Determine the influence of cellular concrete with polypropylene fiber in the design of vaults for lightened slab	Bouquets Flowers. Miguel Angel
twenty	Rock Anchor, Shandy Pamela	Study and modeling of the water resource due to the flooding of the Vitor River: Section Socabón – El Boyadero, district of Vitor, Province and department of Arequipa.	Establish a hydraulic modeling of the behavior of the Vitor River: section Socabón – Boyadero, district of Vitor, province and department of Arequipa.	Bouquets Flowers. Miguel Angel
twenty-or	Pauca Flores, Edwin	Comprehensive Design of Dome Model homes with bags filled with mud: its application in the province of Azángaro, Department of Puno.	To determine the influence of bags filled with mud in the integral design of dome model houses in the province of Azángaro – Puno.	Bouquets Flowers. Miguel Angel

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