
 USMP FACULTAD DE <small>SAN MARTÍN DE PORRES INGENIERÍA Y ARQUITECTURA</small>	SCHOOL OF ENGINEERING AND ARCHITECTURE	Year: 2018
	PROFESSIONAL SCHOOL OF CIVIL ENGINEERING	Semester: 2018-I

Civil Engineering II Final Project List

CIVIL ENGINEERING


	last name and names of the student	Title of the project	Description	last name and names of the adviser
1	Bringas Saavedra, Moses Guilmer Mejia Cardenas, Jose Antonio	Design of a flexible asphalt pavement according to ASSHTO 93 on the Lima-Chosica highway	The study is based on the need to improve the structure of the flexible pavement in order to achieve less damage at the structural level and also achieve greater flow of traffic and there would be a great social benefit, less environmental pollution and better quality of life.	Oblitas Santa Maria, Juan Manuel
2	Nunez Made, Angel Hyacinth	Conservation road and his relation to service levels, according to the highway, road maintenance or conservation manual issued by the MTC. Huancaray Avenue – Santa Anita case	Determine how the service levels are related to road maintenance for Huancaray avenue according to the road manual - road maintenance.	Oblitas Santa Maria, Juan Manuel
3	Castillo Fernandez, Percy Chumpitaz Peraldo, Abel	Comparative study of the physical properties and mechanics of a concrete dosed with additive expander and concrete with simple dosage.	Compare the physical and mechanical properties of concrete dosed with expander additive and conventional concrete, to determine its performance, through standardized laboratory tests.	Oblitas Santa Maria, Juan Manuel
4	Cobefias Size, Junior Janampa Diego	Seismic vulnerability of self-built houses under the National Building Regulations in the district of Barranco 2018	Determine the systemic vulnerability of self-built houses located in the district of Barranco.	Oblitas Santa Maria, Juan Manuel
5	Portilla Velasquez, Lidis Dayana Marlene Ramirez Vergara, John Herberd	Analysis of the seismic vulnerability of self-built houses of Confined masonry in the Pampas de San Juan area of the San Juan de Miraflores district	Determine the seismic vulnerability of the self-constructed houses of confined masonry in the Pampas de San Juan area, San Juan de Miraflores.	Oblitas Santa Maria, Juan Manuel
6	Ramirez de la Cruz, Danny	Study and design of a public drinking water network to improve the quality of life of the inhabitants of the Puerto Fiel Cerro Azul-Cañete beach club	Design a water system to improve the quality of life of the inhabitants of the Puerto Fiel Cerro Azul-Cañete beach club	Oblitas Santa Maria, Juan Manuel
7	Sillerico Lopez, Ranold	feasibility of interconnection between line 2 of the Lima metro and the Lima-Ica commuter train	The objective of the project is to determine the feasibility of the interconnection of modern mass public transport systems between the regions of Lima, Ica and Callao in order to	Oblitas Santa Maria, Juan Manuel

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			develop the transport and the main Economic sectors promoted in each region: achieving adequate road conditions to install a modern mass public transport system between the regions of Lima and Ica; reducing travel times, favoring productive and tourist activity; raising the level of public transport service.	
8	Ochoa Mendieta, danny octavio Rojas Rivera, angelo alexander	Design of a water supply system drinkable in the association sol de san Fernando 3ra. Stage, district of Pachacamác, province of Lima, Lima department.	Design an adequate drinking water supply and sewerage system to improve the quality of life of the residents of the Sol de San Fernando association.	Oblitas Santa Maria, Juan Manuel
9	Barboza Oviedo, Manuel Martinez Montjoy, Gerardo	Natural fiber reinforced concrete	Obtain a concrete incorporated with bird feathers as a substitute for synthetic fiber that reduces cracks in concrete slabs. Making this an economic and ecological option for the affected population.	Oblitas Santa Maria, Juan Manuel
10	Altamirano Garcia, Carlos andres Alexander	Project Schedule Management Implementation Proposal – PMI for finish on time the projects of the works of the DIM-SUNAT	To know if the proposal for the implementation of the schedule management in the works projects of the DIM - SUNAT would be accepted by the professionals and managers of the division.	Oblitas Santa Maria, Juan Manuel
eleven	Arnao Quispe, Miguel	Quality optimization using project management of the structure of a multi-family building	Application of project management to optimize the quality of the structure of a multi-family building located in Salamanca - Ate.	Oblitas Santa Maria, Juan Manuel
12	Olarte Melchor, renzo Ramos Tarrillo, Luis Angel	Seismic vulnerability analysis of two-story adobe houses in the city of Canta	Determine the seismic vulnerability in adobe construction.	Oblitas Santa Maria, Juan Manuel
13	Nunez Ramirez, Edith	Implementation of a quality assurance system, in business management processes minor construction companies based on the ISO 9001 standard	Implementation of a quality assurance system based on the ISO 9001 standard, in order to assess the incidence in the management processes of smaller construction companies.	Oblitas Santa Maria, Juan Manuel
14	Morales Cubas, Diana del Pilar	pavement design porous with strips of plastic raffia used as an alternative system to drainage in the district of Huamachuco	Determine the influence of the raffia strips on the properties of the porous pavement design in order to improve drainage through laboratory tests.	Oblitas Santa Maria, Juan Manuel
fifteen	Squire Cave, Clorinda Steppany Ortiz Medina, gabriel henschell	Study and design of microzoning for houses in the district of Villa María del Triunfo	Determine the microzoning of soils required by the Villa Bolívar sector.	Oblitas Santa Maria, Juan Manuel
16	Toribio Huamani, deivid Lopez Tacuri, Dante	Road maintenance and its relationship with service levels in low-carriage	Determine how service levels relate to road maintenance for low-volume highways.	Oblitas Santa Maria, Juan Manuel

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 USMP <small>UNIVERSIDAD NACIONAL DE SAN MARCO FACULTAD DE INGENIERÍA Y ARQUITECTURA</small>	SCHOOL OF ENGINEERING AND ARCHITECTURE	Year: 2018
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		traffic volume, according to the road manual – Road maintenance issued by the Ministry of Transport and Communications.	traffic according to the road manual – road maintenance.	
17	Davila Diaz, Erlik Hinojosa Orejon, Carlos	Improvement and expansion of the water supply drinking water from La Yunga farmhouse, Santa Rosa district	Improve and expand the drinking water supply system in Caserío la Yunga, district of Santa Rosa	Oblitas Santa Maria, Juan Manuel
18	Alvarez campaign, Johao Ricardo Noel Vargas, Jonathan Alexander	Project management applying the earned value analysis in the multi-family building República – Barranco	Manage the project to optimize the construction of the building República – Barranco multifamily with the earned value method.	Oblitas Santa Maria, Juan Manuel
19	carlos new villa jeanpieer antoni Pereira Torres, Patricia Alexandra	Design of a concrete mix with residues miners from the Chinchán tailings dam, in the district of Chilca, province of Huarochirí - Lime.	In what way can mining waste be used in the design of a concrete mix, to reduce pollution and generate environmental sustainability, in the district of Chilca province of Huarochirí - Lima	Oblitas Santa Maria, Juan Manuel
twenty	Chochon Gomez, victor hugo Pampani Roldan, Sofia Alejandra	Study of the addition of coconut fiber in the mechanical properties of concrete.	Determine and evaluate the influence of mechanical properties in the addition of coconut fiber in the resistance of concrete of 210 km/cm2	Oblitas Santa Maria, Juan Manuel
twenty-one	Chilet Silva, Miguel Angel Jaime Guzman, Henry	The safety plan and its relationship with the rate of work accidents of the construction company TEAM real estate – boulevard pacifico 2 in the district of Punta Negra	Determine the relationship between the safety plan and the accidents of the construction workers of TEAM Real Estate-Boulevard pacifico 2 to know the cause of the increase in accidents in the company and determine the influence and improvement that can be given to each aspect to be related. .	Oblitas Santa Maria, Juan Manuel
1	More Ramos, William Jesus	improvement of production based on the Last Planner System in Synergy with the monitoring of man hours in a public work	Applying and promoting production control influences the consumption of man hours in the first two months of execution of a public work.	Andres Avelino Valencia Gutierrez
2	Espinoza Rubilar, Hernan Ignacio	Wastewater treatment plant, for improve the living conditions of the inhabitants of Cajamarquilla	Design a wastewater treatment plant in Cajamarquilla in order to improve the living conditions of the inhabitants of the district, through cabinet calculations.	Andres Avelino Valencia Gutierrez
3	Ugaz Arenas, junior alexander	Rehabilitation of the pavement to improve the quality of the asphalt layer	Design the rehabilitation of the pavement to improve the quality of the asphalt layer using the Mesh-Track.	Andres Avelino Valencia Gutierrez
4	Chumpita Ochoa, Gianfranco Nestor	Analysis of the relationship of building factors and seismic performance in the critical zones of the district of Comas.	Determine the relationship of building factors and seismic performance in critical areas in the district of Comas to improve their seismic vulnerability through the National Building Regulations.	Andres Avelino Valencia Gutierrez

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