

**List of CEE Allocated FYP Titles (AY 2018-2019 - Semester 2)**

No	Student	Course	ProjID	Supervisor/s	Title
1	Alexis Arthur Tan Yan Xiong	CEE	CM-07AB	Dr Chew Ah Seng, David	China's Belt and Road Initiatives (BRI)- Opportunities and Challenges for Singapore Construction Firms
2	Lim Zhe Gee	CEE	CM-09AB	Ast/P Qian Shunzhi	Life cycle assessment of green building technology: focusing on 3D printing and PPVC technology
3	Ong Ruo Xuan	CEE	CM-09AB	Ast/P Qian Shunzhi	Life cycle assessment of green building technology: focusing on 3D printing and PPVC technology
4	Joseph Ong Kai Zheng	CEE	CT-13	Ast/P Zhang Limao	Impact of the building renovation on the energy efficiency.
5	Lee Jia Ying	CEE	CT-15	Ast/P Zhang Limao	Computer vision in construction engineering and management
6	Toh Fen Hui	CEE	CT-17	Ast/P Qian Shunzhi	Development of 3D printable construction materials
7	Jing Yannan	CEE	GE-10	Prof Harianto Rahardjo	FYP-URECA: Stability Analyses of Residual Soil Slope under different Climatic Conditions
8	Teoh Poh Yuan	CEE	GE-36	A/P Goh Teck Chee, Anthony	Seismic analysis of propped retaining wall
9	Myo Thiha	CEE	GE-37	A/P Goh Teck Chee, Anthony	Finite element analysis of pile-reinforced slopes
10	Thng Xiong Jie Terence	CEE	GE-38	Prof Harianto Rahardjo	Relationship Between Index Properties and Soil-water Characteristic Curves
11	Jazz Wong Ji Xin	CEE	GE-40	A/P Leong Eng Choon	Bending strength of local trees
12	So Yeong Siang	CEE	GE-43	Ast/P Yi Yaolin	Treatment of Zinc-contaminated Soil Using Ground Granulated Blastfurnace Slag
13	Foo Shi Ming	CEE	GE-44	Ast/P Yi Yaolin	Treatment of Copper-contaminated Soil Using Ground Granulated Blastfurnace Slag
14	Choy Ren Jie Lennard	CEE	GE-45	Ast/P Yi Yaolin	Treatment of Nickel-contaminated Soil Using Ground Granulated Blastfurnace Slag
15	Fu Yibin	CEE	ST-40	A/P Li Bing	Seismic behaviour of corroded reinforced concrete interior beam column joint
16	Chen Nengjian	CEE	ST-41	A/P Li Bing	Rapid Repair of blast Damaged RC Beam-Column Joints using FR Composites
17	Tan Jia Hao, Alastair	CEE	ST-42	A/P Li Bing	Experimental Studies on Seismic Behaviour of Reinforced Concrete Column
18	Toh Jun Wei	CEE	ST-43	Ast/P Zhao Ou	Structural performance of self-compacting concrete-filled stainless steel tube members
19	Ong Shao Quan	CEE	ST-45	Ast/P Zhao Ou	Behaviour of ultra-high strength steel S960 welded I-section columns
20	Shi Huai	CEE	ST-48	Ast/P Zhao Ou	Concrete-filled stainless steel tube columns under partial compression
21	Cheng Yutong	CEE	ST-51	A/P Li Bing	Analytical Investigation of the Seismic Performance of Corroded Reinforced Concrete Beam-Column Joints'
22	Chua Aye Neng	CEE	ST-52	A/P Li Bing	Stress-Strain Relationship of Corroded Reinforcing Steel
23	Yeo Yu Xuan, Nais	CEE	TR-15	A/P Wong Yiik Diew	Evaluation of drivers' workload using VR driving simulator
24	Ng Yi Shien	CEE	TR-16	A/P Wong Yiik Diew	Bicycle parking characteristics at MRT stations and vicinity
25	Kevin Kum Yew Kang	CEE	TR-17	A/P Wong Yiik Diew	Hazard perception behaviour of motorcycle riders in a simulator
26	Ng Hui Min Samantha	CEE	TR-19	Ast/P Zhu Feng	Intersection design for autonomous vehicles
27	Lim Yet Hun	CEE	WR-32	A/P Lim Siow Yong	2-D Jet Scour
28	Chiang Jia Jun	CEE	WR-33	A/P Lim Siow Yong	Jet Scour on Gravel Bed
29	Koh Chun Wei	CEE	WR-34	A/P Lim Siow Yong	Long Contraction Scour
1	New Jia Xin	ENE	EN-50	Ast/P Abid Hussain	Advanced technologies for sustainable treatment of municipal solid waste (MSW)
2	Yee Kah Mun	ENE	EN-51	Ast/P Chong Tzyy Haur	Towards High recovery in Water Reclamation Processes: High Performance NF-MBR+RO Hybrid System
3	Koo Kwan Yee	ENE	EN-55	Ast/P Chong Tzyy Haur	Effects of salinity cycling on scaling in transient reverse osmosis
4	Darryl Ng Jun Wei	ENE	EN-56	Ast/P Fei Xunchang	Plastic breakage and microplastic formation process in the environment
5	Kumaran S/O Sivanathan	ENE	EN-57AB	Ast/P Fei Xunchang	Treatment methods for environmental samples to maximize microplastics recovery

6	Sophia Liew Wei Ting	ENE	EN-57AB	Ast/P Fei Xunchang	Treatment methods for environmental samples to maximize microplastics recovery
7	Ong Hang Meng	ENE	EN-63	Ast/P Grzegorz Lisak	Novel steam reforming catalysts for pyrolysis gas upgrading from plastic waste
8	Wong Zhan Long	ENE	EN-72	Prof Ng Wun Jern	Recovery of valuable bioactive compounds from Okara
9	Julian Ignatius Chew Jun Wei	ENE	EN-73 (ISP)	A/P Sun Delai, Darren	Multifunctional membrane for water purification
10	Yan Ren Hao	ENE	EN-74 (ISP)	A/P Sun Delai, Darren	Nano-composited multifunctional membrane for trace organic compound in water
11	Yap Mei Yi	ENE	EN-79	Dr Tuti Mariana Lim	Converting spent coffee beans into graphene oxide as electrode materials for Li ion batteries
12	Muhammad Firdaus Bin Kamsani	ENE	EN-80	Dr Tuti Mariana Lim	Destruction of Endocrine Disruptor Compounds (EDCs) with combined Ozone/UV/H2O2 process.
13	Goh Li Xuan	ENE	EN-82	Ast/P Yang En-Hua	Bacteria-based Self-healing of Reactive MgO-based Cement(RMC)
14	Emily Ng Jia Min	ENE	EN-84	Ast/P Zhou Yan	Evaluation of sulfamethoxazole (SMX) degradation performance in Extractive Membrane Bioreactor (EMBR) and biofilm formation profile
15	Oei Yuan Fang, Fann	ENE	EN-85AB	Ast/P Abid Hussain	Resource recovery from urban waste streams: technological feasibility research and development
16	Nicklaus Yip Tze Xuan	ENE	EN-86AB	Ast/P Grzegorz Lisak	Development of high performance catalysts from incineration bottom and fly ashes
17	Preston Tan Choon Kiat	ENE	EN-86AB	Ast/P Grzegorz Lisak	Development of high performance catalysts from incineration bottom and fly ashes
18	Chan Hui Ling	ENE	WR-31	Prof Chiew Yee Meng	Pollutant mixing and biodegradation processes in a complex fl domain
19	Lee Yi Heng	ENE	WR-35AB	A/P Tan Soon Keat	Review study of source retention of rainwater as a means of peak discharge reduction in an urban environment
20	Poh Jun Quan, Benedict	ENE	WR-35AB	A/P Tan Soon Keat	Review study of source retention of rainwater as a means of peak discharge reduction in an urban environment
1	Fazwin Bin Amir	MS	MS-34	Dr Chew Ah Seng, David	Tripartite Partnership for the Transformation of the Singapore Maritime Industry
2	Ho Pei Yu	MS	MS-34	Dr Chew Ah Seng, David	Tripartite Partnership for the Transformation of the Singapore Maritime Industry
3	Tan Xian Jun	MS	MS-34	Dr Chew Ah Seng, David	Tripartite Partnership for the Transformation of the Singapore Maritime Industry
4	Miao Mengjie	MS	MS-37	Mr Kenneth Tan (Ext)	Liner Container Service Study / Research The End Of Container Liner Feeders Services ?
5	Ong Wan Juin	MS	MS-37	Mr Kenneth Tan (Ext)	Liner Container Service Study / Research The End Of Container Liner Feeders Services ?
6	Sherwin Kwek Ming Loong	MS	MS-37	Mr Kenneth Tan (Ext)	Liner Container Service Study / Research The End Of Container Liner Feeders Services ?
7	Lim Jun Ting	MS	MS-39	Mr Soh Woei Liang (Ext)	The effectiveness of vessel valuation methodologies in the Supramax Bulkcarrier (Supras) segment
8	Yao Xingyu @Yao Wang	MS	MS-39	Mr Soh Woei Liang (Ext)	The effectiveness of vessel valuation methodologies in the Supramax Bulkcarrier (Supras) segment