

# Industrial Training Programs for 4Y Curriculum

Last Updated on 2022.11.01

Dept	Industrial Experience Course	Industrial Training Course	Module Code	Module Title	Training Periods							Location	Duration [hours]	Duration [days]
					Yr2 Winter	Yr2 Spring	Yr2 Summer	Yr3 Fall	Yr3 Winter	Yr3 Summer	Yr4 Winter			
CBE		CENG1980		Either Plant Visits or Internship. For details and requirements, please consult the Department of Chemical and Biological Engineering (CBE).	Please consult CBE Department on details of arrangements and requirements.									
CIVL	CIVL3020 Internship Training	CIVL2020	TM1265	Building and Construction Practices	✓							HKPUIC	52.5	7
			USTSCE	Safety Training	✓							HKUST	9	1
			USTSURV	Engineering Surveying			✓					HKUST	9	1
			USTCDWG	Civil Engineering Drawing		✓						HKUST	9	1
			USTBIM	Building Information Modelling (BIM)		✓						HKUST	21	2.5
			Total Duration										100.5	12.5
CSE	COMP1991 Industrial Experience		USTM16	Linux Systems Administration					(Note 1)		✓	HKUST	32	4
			USTM17	Linux Network Administration					(Note 1)		✓	HKUST	32	4
			USTM25	Cloud Services in Azure					(Note 1)		✓	HKUST	32	4
			Total Duration										96	12
ECE	ELEC2991 Industrial Experience		ICU310	Electronic System Development Practice						✓		HKPUIC	60	8
			USTM5A	Software Engineering Practice						✓		HKUST	24	3
			USTM16	Linux Systems Administration							✓	HKUST	32	4
			USTSEE	Safety Training	✓							HKUST	1.5	0
			Total Duration										117.5	15
CPEG	CPEG1971 Industrial Experience		TM1131	Electronic Practice for Engineering Students					(Note 1)		✓	HKPUIC	30	4
			USTM16	Linux Systems Administration					(Note 1)		✓	HKUST	32	4
			USTM17	Linux Network Administration					(Note 1)		✓	HKUST	32	4
			USTM25	Cloud Services in Azure					(Note 1)		✓	HKUST	32	4
			Total Duration										126	16
IEDA	IELM1901 Industrial Experience	IEDA1901 (For IEEM-TM Program Engineering Management Area)	TM0108	Metal Cutting and Fitting Practice							✓	HKPUIC	30	4
			TM1133	Electronic Manufacturing Practice							✓	HKPUIC	30	4
			USTM10	Manufacturing Resources Planning							✓	HKUST	32	4
			USTM20	Engineering Drawing + AutoCAD (on-line module)	Before the end of Year 3 Summer							HKUST	32	4
			USTSIE	Safety Training	✓							HKUST	3	0
	Students can choose between Industrial Training and Internship	IEDA1901 (For IEEM-LM Program Logistics Management Management Area, and DA - Decision Analytics Program)	USTM10	Manufacturing Resources Planning							✓	HKUST	32	4
			USTM18	Windows Server Administration	Before the end of Year 3 Summer						✓	HKUST	32	4
			USTM20	Engineering Drawing + AutoCAD (on-line module)	Before the end of Year 3 Summer							HKUST	32	4
			USTSIE	Safety Training	✓							HKUST	3	0
			Total Duration										99	12
MAE		MECH1990	ICU328	Practical Appreciation of Electro-Mechanical Automation Systems (a) TM1503 (4 days)-Practical Appreciation of Vehicular Systems (b) TM1504 (4 days)-Practical Appreciation of Electric Vehicle Power and Driving System (c) TM1505 (8 days)- Practical Appreciation of Manufacturing Processes for Electro-mechanical Products (d) TM1506 (4 days)-Practical Appreciation of Automation and Control Systems	✓		or ✓					HKPUIC	150	20
			ICU320	Appreciation of 3D CAD	✓		or ✓					HKPUIC	30	4
			USTSME	Safety Training	✓							HKUST	9	1
			Total Duration										189	25
SUSEE		ENEG2910	TM1131	Electronic Practice for Engineering Students					✓			HKPUIC	30	4
			TM0300	Building Energy Equipment					✓			HKPUIC	30	4
			TM0350	Electrical Power System					✓			HKPUIC	30	4
			TM1504	Practical Appreciation of Electric Vehicle Power and Driving System					✓			HKPUIC	30	4
			USTM20	Engineering Drawing + AutoCAD (on-line module)	Before the end of Year 3 Summer							HKUST	32	4
			Total Duration										152	20

## Notes

- Special make-up sessions of computing modules may be offered in Year 3 Winter for senior year intake students in CPEG/CSE/ECE, if necessary.
- One training day at HKPUIC = 7.5 training hours  
One training day at HKUST = 8 training hours  
Training of less than 4 hours will not be counted as any training day.
- Owing to limited capacity, MAE students have to take ICU328 and ICU320 in either Year 2 Winter or Year 2 Summer.

## (4) Safety training -

- Safety training above does NOT include the safety training sub-modules conducted in the class of ENGG1010. Students who fail to complete them in ENGG1010 are required to make them up before graduation.
- No requirement for CSE.
- No program-specific safety training for CBE, CPEG and SUSEE.
- Senior Year (SY) students are required to make up Year 1 safety sub-modules by joining sessions offered in the class of ENGG1010.