

YEARLY SCHEDULE OF FACILITY AND SUSTAINABLE BUILDING MANAGEMENT (FSBM) CLASSES 2021-2022 (REQUIRED COURSES ONLY)

CERTIFICATE OF ACHIEVEMENT (COA)

Course	DESCRIPTION	SUMMER	FALL	WINTER	SPRING
BUS 56	Human Relations in the Workplace (5 Units)	X	X	X	X
BUS 65	Leadership (5 Units)		X	X	
BUS 85	Business Communication (3 Units)	X	X	X	X
ES 58	Introduction to Green Building (1 Unit)		X	X	X
ES 69A	Introduction to Facilities Management (3 Units)				X (SPRING ONLY)
ES 70	Introduction to Energy (1 Unit)			X (WINTER ONLY)	
ES 71	Introduction to Sustainable Buildings (1 Unit)		X (FALL ONLY)		
ES 78	Energy Management Systems and Controls (1 Unit)			X (WINTER ONLY)	
ES 82	Project Management and Technical Report Writing (2 Units)		X (FALL ONLY)		

CERTIFICATE OF ACHIEVEMENT - ADVANCED (COA-A)

Course	DESCRIPTION	SUMMER	FALL	WINTER	SPRING
ACCT 1A	Financial Accounting I (5 Units)	X	X	X	X
BUS 10	Introduction to Business (5 Units)	X	X	X	X
ES 81	Leadership in Energy and Environmental Design/ Building Codes (2 Units)			X (WINTER ONLY)	
ES 83	Energy Management Return on Investment (2 Units)		X (FALL ONLY)		

YEARLY SCHEDULE OF ENERGY MANAGEMENT AND BUILDING SCIENCE (EMBS) CLASSES 2021-2022 (REQUIRED COURSES ONLY)

CERTIFICATE OF ACHIEVEMENT (COA)

Course	DESCRIPTION	SUMMER	FALL	WINTER	SPRING
ES 4	Energy, the Environment and Society (4 Units)		X	X	X
ES 58	Introduction to Green Building (1 Unit)		X	X	X
ES 64	Climate Change Mitigation and Adaptation in California (4 Units)		X	X	
ES 69	Energy Management Within Your Organization (1 Unit)				X (SPRING ONLY)
ES 70	Introduction to Energy (1 Unit)			X (WINTER ONLY)	
ES 71	Introduction to Sustainable Buildings (1 Unit)		X (FALL ONLY)		
ES 76	Energy Star (1 Unit)				X (SPRING ONLY)
ES 78	Energy Management Systems and Controls (1 Unit)			X (WINTER ONLY)	
ES 79	Renewable and Alternative Energy Systems (1 Unit)			X (WINTER ONLY)	
ES 81	Leadership in Energy and Environmental Design/ Building Codes (2 Units)			X (WINTER ONLY)	
ES 82	Project Management and Technical Report Writing (2 Units)		X (FALL ONLY)		
ES 83	Energy Management Return on Investment (2 Units)		X (FALL ONLY)		

CERTIFICATE OF ACHIEVEMENT - ADVANCED (COA-A)

Course	DESCRIPTION	SUMMER	FALL	WINTER	SPRING
ES 51A	Sustainable Energy Systems (4 Units) Pre-requisites- ES 70 & ES 79			X (WINTER ONLY)	
ES 51B	Energy Efficient Buildings (3 Units) Pre-requisites- ES 71				X (SPRING ONLY)
ES 51C	Building Automation Systems (2 Units) - Pre -requisite ES 78				X (SPRING ONLY)
ES 69A	Introduction to Facilities Management (3 Units)				X (SPRING ONLY)
ES 76A	Solar Thermal Systems (1 Units)				X (SPRING ONLY)