



## Engineering, Design & Value Engineering Center

### Good & Best Practices for Value Engineered Design & Development

Code	Program Title
DOP585-1	4th Industrial Revolution Technologies & Methods for Government Policy
DOP584-1	4th Industrial Revolution Technologies & Methods for Industry
DOP582-1	Airport Management Data Analytics & Artificial Intelligence Methods
DOP583-1	Bus Terminal & Network Management Data Analytics & Artificial Intelligence Methods
CTM470-1	Compressors - Technology, Design, Installation, Maintenance and Management
DAC751-1	Construction Project Data Analytics & Artificial Intelligence Methods
CTD853-1	Cooling Tower Design, Implementation and Operation
DDF888-1	Decommissioning and Demolition of Industrial Facilities
ENT280-1	Engineering for Non-Technical Supervisors and Managers in Petroleum Industry
VEC465-1	Ensuring Consultants do Value Engineering on their Design or Consultancy Assignments
FPM284-1	FEED Project Management
VEC481-1	Implementing Value Engineering during Multi Story Building Construction Projects
VEC484-1	Implementing Value Engineering during Operation of Airports
VEC483-1	Implementing Value Engineering during Operation of Large Commercial Buildings & Malls
VEC482-1	Implementing Value Engineering during Operation of Multi Story Buildings
LPS400-1	Lean Production Systems - Methods, Processes, Planning and Implementation
MTS500-1	Managing Technical Service Processes

DPM330-1	Managing the Design Phase of a Project
DOP586-1	Maturity Model for Organization's 4th Industrial Revolution Preparedness
FSP870-1	Preparing Project Feasibility Studies
PDD685-1	Product Design and Development
DOP581-1	Public Facility Operation Data Analytics & Artificial Intelligence Methods
FEE701-1	Reducing Budgets by 15%+ without Impacting Service Quality in Your Engineering & Design Unit
PDD688-1	Service Design and Development
TER456-1	Technical Review of Bridge Engineering & Design
TER451-1	Technical Review of Gas Based Power Plant Design
TER458-1	Technical Review of Large Public Service Facility Engineering & Design
TER452-1	Technical Review of Multi-Stage Flash Desalination Plant Design
TER453-1	Technical Review of Reverse Osmosis (RO) Desalination Plant Design
TER455-1	Technical Review of Road Construction Planning & Project Management
TER457-1	Technical Review of Road Engineering & Design
TER459-1	Technical Review of Solar Power Plant Design
TEU942-1	Technology Upgrade Analysis for Desalination Plants
TEU944-1	Technology Upgrade Analysis for Petro-chemical Plants
TEU941-1	Technology Upgrade Analysis for Power Plants
TEU943-1	Technology Upgrade Analysis for Road Networks
TSD580-1	Traffic Signal System Design & Improvement
PRD700-1	Value Engineered Road Feasibility, Design, Innovation and Implementation