



UCF

College of Engineering and Computer Science

MS Engineering Management— Professional Project & Systems Engineering (PP&SE) Track

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We Offer Two Degree Options

- Degree
 - MS Engineering Management
- Options
 - 1) Traditional Fully Online Delivery
 - Engineering Management (MS)
 - 2) Professional, Cohort Based
 - Engineering Management (MS) – Professional Project & Systems Engineering PP&SE
 - Highly selective
 - Market-based tuition
 - Company sponsored (e.g., NASA/KSC, Lockheed Martin, Raytheon, Siemens, Walt Disney World, Kratos)
 - Minimum 5 years of work experience
 - Lock step over 24 months



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Program Overview

Desired Outcomes (Why)

Humanity

- Deliver world-changing solutions

The Organization

- Corporate Growth
- Purposeful, intentional and consistent innovative solution delivery

The Individual

- Career growth & corporate visibility
- Increased confidence/presence for leadership positions

Our Focus (What)

Innovative Solution Delivery Mindset, Processes & Tools

- MSEM Degree
- Innovative Solution Delivery
- Management & Leadership
- Decision Making
- Systems Engineering

A Life-Long Peer Network

- Cohort Participants within Companies
- Cohort Participants across Companies

Our Delivery (How)

Reflective Practitioner

“Group” Project Application

Corporate Applications

Emerging Topics

Professional Development

Leaders Up Close

Online Presence

Concierge Service Level



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Typical Courses

Innovative Solution Delivery

- Technology Strategy
- Creativity & Innovation
- Engineering Mgt
- Corporate Capstone

Management & Leadership

- Project Engineering
- Leadership

Decision Making

- Statistics
- Decision Analysis
- Cost

Systems Engineering

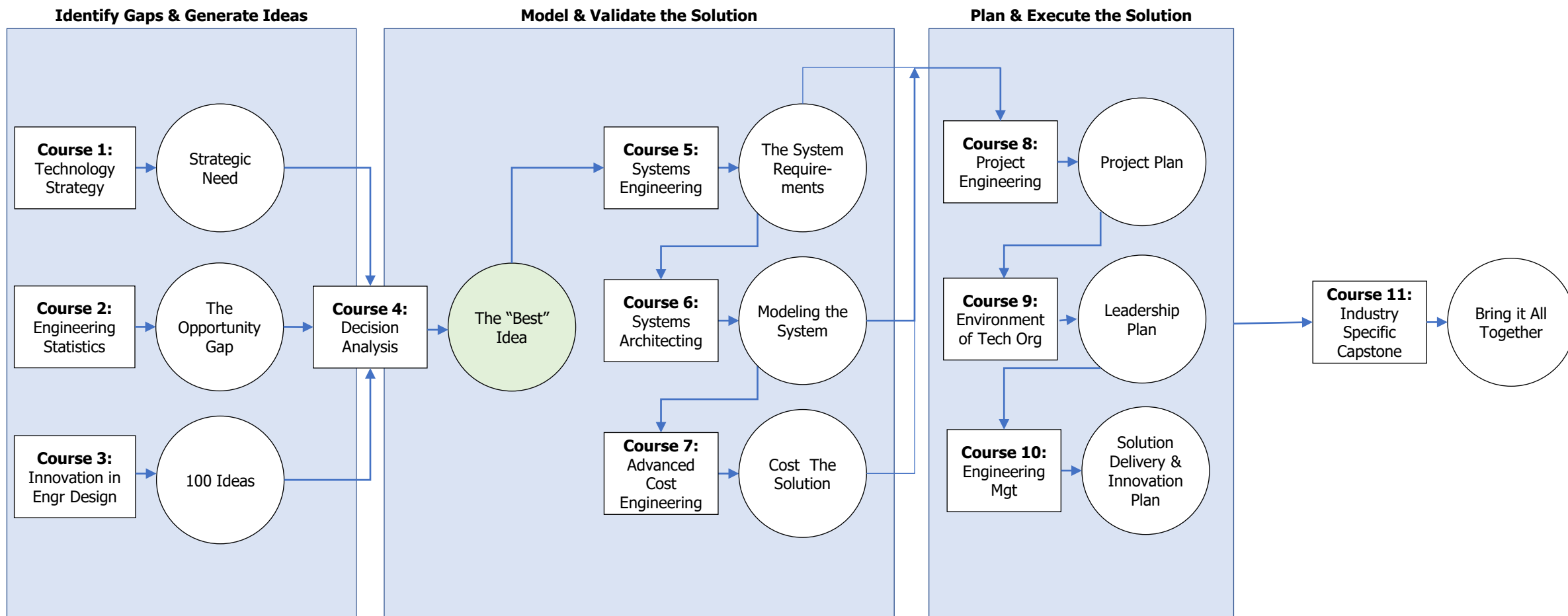
- Systems Engineering
- Systems Architecting
- Systems Integration & Testing (workshop)



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Current MSEM PPSE Track Cohort Program





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The Program and Alumni Continue to Deliver

- Our alumni reported over **\$1 Billion** in business impacts
- Organizations see enhanced leaders as path to overall organizational performance
 - Organizations are asking for project leaders to be solution providers
 - Over **75% of the alumni had significant increases in their job responsibilities** (i.e., job change/promotion) since their involvement in the program.
- Organizations use the MSEM to drive important outcomes
- Our alumni and sponsors find value in the program



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