Timeframe	Certificates/ Courses	Type	Start Date	Focus Area
Month 1-2 (May-June)	- Google Data Analytics Professional Certificate	Certification	May 1, 2025	Data Analytics Foundation
	- Introduction to Engineering Mechanics (Georgia Tech)	Course	May 1, 2025	Engineering Basics
	- Microsoft Power BI Data Analyst Professional Certificate	Certification	May 15, 2025	Data Visualization and Reporting
	- Fundamentals of Flight Mechanics (ISAE-SUPAERO)	Course	May 15, 2025	Flight Test Engineering
	- **Flight Mechanics - The Basics (Alternative)**	Course	June 1, 2025	Foundational Flight Mechanics
	- **Introduction to Aerospace Engineering and Design (MIT OpenCourseWare)**	Free Course	June 1, 2025	Aerospace Fundamentals
Month 3-4 (July-August)	- Introduction to Aerospace Engineering	Course	July 1, 2025	Aerospace Fundamentals

Month 3-4 (July-August)	- Introduction to Aerospace Engineering (University of Colorado Boulder)	Course	July 1, 2025	Aerospace Fundamentals
	- Data Analysis and Visualization with Power BI	Course	July 1, 2025	Advanced Power BI Skills
	- Control of Mobile Robots (Georgia Tech)	Course	August 1, 2025	Robotics and Control Systems
	- Astrodynamics (MIT OpenCourseWare)	Free Course	August 1, 2025	Orbital Mechanics
	- Continue Google Data Analytics Professional Certificate	Certification	Ongoing	Data Analytics Skills
Month 5-6 (Sept-Oct)	- Operations Research ①: Models and Applications (NTU)	Course	September 1, 2025	Operations Research Basics
	- IBM Data Engineering Foundations	Certification	September 15, 2025	Data Engineering Basics
	- Space Systems Engineering (Delft University of Technology)	Course	October 1, 2025	Systems Thinking and Space Systems

	- **Fundamentals of Systems Engineering (MIT OpenCourseWare)**	Free Course	October 1, 2025	Systems Engineering Basics
Month 7-8 (Nov-Dec)	- Operations Research ②: Optimization Algorithms (NTU)	Course	November 1, 2025	Advanced Optimization
	- Spacecraft Dynamics and Control (University of Colorado Boulder)	Course	November 15, 2025	Astronautical Engineering
	- Data Engineering with Google Cloud (Google)	Certification	December 1, 2025	Cloud-Based Data Engineering
	- Applied Data Science with Python (University of Michigan)	Course	December 1, 2025	Data Science Applications
Month 9-10 (Jan-Feb)	- Data Science Specialization (Johns Hopkins University, Start initial modules)	Course (Specialization)	January 1, 2026	Advanced Data Analytics
	- Advanced Microsoft Power BI Skills	Course	January 15, 2026	Expert-Level Power BI Knowledge

	- Systems Engineering (MathWorks)	Certification	February 1, 2026	Systems Design and Analysis
	- SQL for Data Science (UC Davis)	Course	February 1, 2026	Data Querying and Database Management
Month 11-12 (Mar-Apr)	- Operations Research ③: Theory (NTU)	Course	March 1, 2026	Advanced Operations Research
	- Complete Google Data Analytics Professional Certificate if unfinished	Certification	Ongoing	Finalize Data Analytics Knowledge
	- IBM Data Engineering Capstone Project	Course	April 1, 2026	Practical Data Engineering Skills
	- Computational Methods in Aerospace Engineering (MIT OpenCourseWare)	Free Course	April 1, 2026	Aerospace Engineering Applications