



Official Academic Transcript

Transcript of **Roy Orbach** I.D. **318900834** who studies

for the degree **Bachelor of Science in Aerospace Engineering**
in the Faculty of Aerospace Engineering

and accumulated **179.0** credit points, with a grade point average of **85.3**
(**160.0** credit points are needed for the degree)

Subject	Credits	Grade	Semester
035036 Control System Design	2.5	89	2020-21 Winter
036064 Advanced Topics in Mechanical Eng' 4	3.0	97	2020-21 Spring
044098 Intr.to Electrical Engineering+Lab	4.0	85	2018-19 Spring
044102 Safety in Ee Labs.	0.0	Passed	2018-19 Winter
084135 Numerical Analysis for Aerospace Engi.	2.5	65	2018-19 Spring
084143 Aerospace Systems Engineering	2.5	68	2018-19 Spring
084154 Experimental Methods in Aerospace Eng.	2.5	89	2019-20 Winter
084155 Computerized Engineering Drafting	3.0	88	2017-18 Spring
084213 Thermodynamics	4.0	86	2018-19 Winter
084220 Flight Mechanics 1	2.5	91	2019-20 Winter
084221 Flight Mechanics 2	2.5	76 Not for degree	2019-20 Spring
084225 Dynamics	4.0	82	2018-19 Winter
084311 Incompressible Aerodynamics	3.5	86	2018-19 Spring
084312 Compressible Flow, Inlets and Nozzles	2.5	62	2019-20 Winter
084314 Viscous Flow and Heat Transfer	3.5	100	2019-20 Winter
084506 Solid Mechanics	4.0	63	2017-18 Spring
084515 Introduction to Theory of Elasticity	2.5	91	2018-19 Spring
084641 Aerospace Engineering Design and Manufac	3.5	75	2019-20 Winter
084653 Design Project 53	3.0	91	2020-21 Winter
084654 Design Project 54	3.0	93	2020-21 Spring
084737 Dynamic Systems	3.0	81	2018-19 Spring
084738 Control Theory	3.0	91	2019-20 Winter
084913 Fundamentals of Space Engineering	2.5	82	2019-20 Winter
085101 Model Airplane Construction 1	1.5	97	2017-18 Winter
085156 Laboratory Project	2.5	90	2020-21 Winter
085201 Introduction to Aerospace Engineering	2.0	100	2017-18 Spring
085305 Experimental Methods in Aerodynamics	2.5	98	2020-21 Spring
085406 Rocket Propulsion	2.5	98	2019-20 Spring
085695 Preliminary Design of Aircraft	3.0	94	2020-21 Winter
085801 Seminar in Aerodynamics	1.0	100	2020-21 Spring
085915 Space Mechanics	3.5	84	2019-20 Spring
086201 Exterior Ballistics & Dynamics of Rocket	3.0	85	2019-20 Spring
086241 Aeroelasticity 1	3.0	88	2019-20 Spring
086320 Heat Transfer in Aerospace Engineering	3.0	89	2020-21 Winter
086389 Aerodynamics of Wings and Bodies	3.0	87 Not for degree	2019-20 Winter
086401 Propulsion Systems for Propeller-Driven	3.0	91	2018-19 Spring
086414 The Ramjet Engine	3.0	88	2020-21 Spring
086461 Selected Topics in Aerospace Propulsion1	3.0	90	2020-21 Spring



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086755 Dynamics and Control of Flight Vehicles	3.0	72 Not for degree	2019-20 Spring
086762 Autonomous Navigation and Perception	3.0	72 Not for degree	2020-21 Spring
088759 Advanced Topics in Missile Guidance	3.0	88	2020-21 Spring
094411 Probability (Ie)	4.0	75	2018-19 Winter
094814 Legal and Financial Aspects of Tech.Ent.	2.5	100	2018-19 Winter
094815 Business Plan for Commercializing	3.0	93	2019-20 Spring
094816 Marketing for High Tech Start-Up	2.0	87	2019-20 Spring
096817 Innovation Management	2.0	95	2018-19 Spring
103015 Introductory Mathematics	0.0	Exemption without points	
104018 Differential and Integral Calculus 1M	5.0	61	2017-18 Winter
104019 Linear Algebra M	4.5	72	2017-18 Winter
104022 Differential and Integral Calculus 2M	5.0	75	2017-18 Spring
104131 Ordinary Differential Equations/H	2.5	89	2017-18 Spring
104215 Complex Functions a	2.5	100	2018-19 Winter
104228 Partial Differential Equations/M	3.0	83	2018-19 Winter
113013 Introductory Physics 1	0.0	Exemption without points	
113014 Introductory Physics 2	0.0	Exemption without points	
114051 Physics 1	2.5	79	2017-18 Winter
114052 Physics 2	3.5	72	2017-18 Spring
114054 Physics 3	3.5	90	2018-19 Winter
125001 General Chemistry	3.0	74	2017-18 Winter
234112 Programming)C(	4.0	79	2017-18 Winter
314200 Introduction to Materials a	2.5	71	2017-18 Spring
324033 Technical English-Advanced B	3.0	Exemption with points	
324292 Law, Equality and Social Justice	2.0	97	2017-18 Spring
324297 Personage in Bible in Light of Our Times	2.0	93	2019-20 Winter
324445 Adjustment to Stressful Situations	2.0	98	2018-19 Spring
324457 Museology and Technology	2.0	100	2020-21 Winter
324600 German 1	2.0	92	2019-20 Spring
324603 German 2	2.0	100	2020-21 Winter
324864 Entrepreneurship 1	1.0	Passed	2017-18 Winter
394805 Physical Education - Athletics	1.0	100	2019-20 Winter
394806 Physical Education Courses	1.0	94	2017-18 Winter
394806 Physical Education Courses	1.0	93	2018-19 Spring
394807 Physical Education Courses	1.0	93	2020-21 Winter

End of transcript

I hereby confirm that the information given above is correct
Haifa, 14.12.2021



Efrat Nativ Ronen
Academic Secretary,
Undergraduate Studies

* The minimum passing grade is 55.