JOINT YESHIVA COLLEGE—TEL AVIV UNIVERSITY PRE-ENGINEERING PROGRAM

# OVERVIEW

Students must submit a letter of recommendation from the Yeshiva University Liaison including a statement that the Student is and has been in good standing.

If a Student wishes to obtain a concurrent B.A. or B.S. from Yeshiva, s/he must either complete all major and general education requirements of Yeshiva University before entering TAU or obtain written approval from the Office of the Dean, in advance, to fulfill the Yeshiva requirements for graduation via an alternate path. Exceptions will be made at the sole discretion of Yeshiva University.

Students spend a minimum of two years at Yeshiva University fulfilling all the Tel Aviv required Science/Math courses with a “B” average with no grade lower than a “B-”. Following matriculation at Tel Aviv University, the students will spend an additional 3 years at Tel Aviv, the final two semesters being engaged in a Project in either the Academic or Industrial sphere.

# REQUIRED COURSES

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| **COM 1300C** Introduction to Computer Science and Programming  4 credits | ( ) |
| **COM 1320C** Introduction to Data Structures  4 credits | ( ) |
| **COM 1504** Discrete Structures  3 credits | ( ) |
| **MAT 1412** Calculus I  4 credits | ( ) |
| **MAT 1413** Calculus II  4 credits | ( ) |
| **MAT 1510** Calculus III  Multivariable Calculus  4 credits | ( ) |
| **MAT 2105** Linear Algebra  3 credits | ( ) |
| **MAT 2461** Probability Theory  3 credits | ( ) |
| **MAT 2462** Mathematical Statistics  3 credits | ( ) |
| **MAT 2601** Ordinary Differential Equations  3 credits | ( ) |
| **PHY 1051R** General Physics I Lecture (calculus based)  4 credits | ( ) |
| **PHY 1061L** General Physics I Lab (calculus based)  1 credit | ( ) |
| **PHY 1052** General Physics II Lecture (calculus based)  4 credits | ( ) |
| **PHY 2061L** General Physics II Lab (calculus based)  1 credit | ( ) |

Summary of Courses still needed:

Student’s expected graduation date \_\_\_\_\_\_ 20\_\_\_\_. Student must complete all courses in progress. Those in the major require a grade of C- or better.

**ADVISOR: DATE:**