RIT BS Program in Electrical Engineering with Artificial Intelligence Option (Final Release FS 2/10/2022)

Year One
- PB Calc I
  - MATH-181 (4) All
- PB Calc II
  - MATH-182 (4) All
- General Chem for Engr
  - CHMG-131 (3) F,Sp
- Writing Seminar
  - UWRT-150 (3) All
- Gen Ed Elective
  - xxxx-nnn (3) F,Sp

Perspective-1:
- Global
  - xxxx-nnn (3) F,Sp

Perspective-2:
- Artistic
  - xxxx-nnn (3) F,Sp

Perspective-3:
- Social
  - xxxx-nnn (3) F,Sp

Perspective-4:
- Ethical
  - xxxx-nnn (3) F,Sp

EE Pract
- EEEE-105* (1) F, Sp
- EEEE-120* (3) Sp

RIT 365 VOPS-10 (0) F

Legend
- Math
- Comp Science
- Physics
- Chemistry
- Liberal Arts
- Elect Engr
- Year One
- Rear Sci Elect
- Free Elect
- Co-op
- Course Name
- Course #
- Semester
- * Indicates lab included
- Prerequisites
- Definitions

Professional Electives:
- Biomedical
  - EEEE-530 Biomedical Instrumentation
  - EEEE-531 Biomedical Sensors & Transducers I
- Digital & Computer Systems
  - EEEE-520 Design of Digital Systems*
  - EEEE-521 Design of Computer Systems*
- Communications
  - EEEE-592 Communication Networks
  - EEEE-593 Digital Data Communications
  - EEEE-594 Sens Array Proc for Wireless Comm
- Electromagnetic Microwaves and Antenna
  - EEEE-517 Microwave Circuit Theory
- Electromechanical
  - EEEE-529 Antenna Theory & Design
- Embedded Systems
  - EEEE-505 Modern Optics for Engineers
- MEMs
  - EEEE-689 Fundamentals of MEMS
- Evaluation
- Signal Processing
  - EEEE-594 Sens Array Proc for Wireless Comm
- Optimization Methods for Engineers
- EEEE-595 Optimization Methods for Engineers

NOTES
- At least two of the professional electives must be taken from Electrical Engineering Curriculum
- An approval is required from your student advisor for any professional elective from other engineering programs.
- Refer to your advisement report in SIS for a full list of professional electives