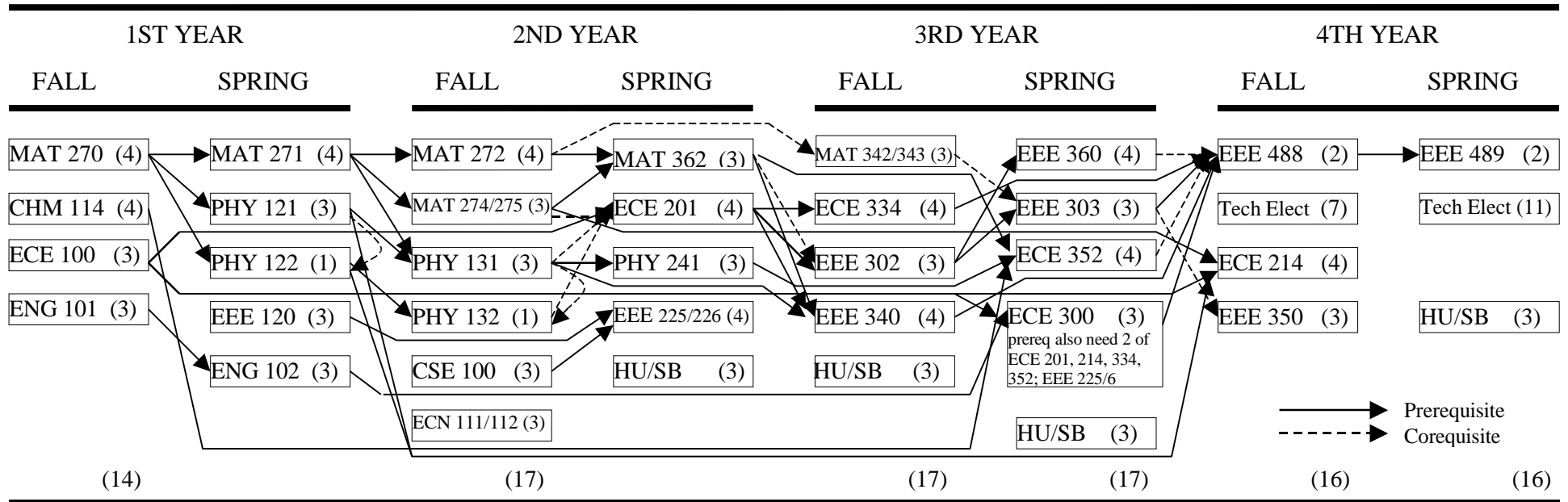


# ELECTRICAL ENGINEERING / 2004-2005



**NOTE 1:** The program in Electrical Engineering requires a total of 18 hours of technical electives (however if English Proficiency is completed with less than 6 semester hours, Technical Elective hours may need to be adjusted--see Department). To ensure breadth of knowledge, students must select courses from at least three of the following seven areas. In addition, to ensure depth, two courses must be taken in one area. [See General Catalog for course descriptions and prerequisites, <http://www.asu.edu/catalog/>]

**AREA**

- Communications & Signal Processing
- Computer Engineering
- Controls
- Electromagnetics
- Electronic Circuits
- Power Systems
- Solid-State Electronics

**COURSE**

- EEE 407 (F,S), 455 (F,S), 459 (S)
- CSE 330 (F,S), 420 (N), 421 (F,S), 422 (F,S)
- EEE 480 (F,S), 482 (F)
- EEE 440 (S), 443 (S), 445 (F), 448 (F)
- EEE 405 (F), 425 (F,S), 433 (F,S)
- EEE 460 (N), 463 (F), 470 (F), 471 (S), 473 (F)
- EEE 434 (F), 435 (S), 436 (F,S), 437 (N), 439 (F)

( ) indicates typical semester offering: F=fall, S=spring, N=not regularly offered, or offered once each year.

Of the remaining technical electives, a maximum of two courses may be taken outside Electrical Engineering. Approved courses in engineering, mathematics and sciences: BME 413, 419, 423, 435; CHE 458; IEE 300, 374, 431; MAE 447, 462; MSE 353, 354; MAT 423, 442, 461, 475; STP 425. Approved business courses: IBS 300; LES 305; MGT 380. All other topics require Electrical Engineering department approval.

