Electrical Engineering

Pre-Engineering
ELECTRICAL ENGINEERING
136 Semester Hours
2001-2002

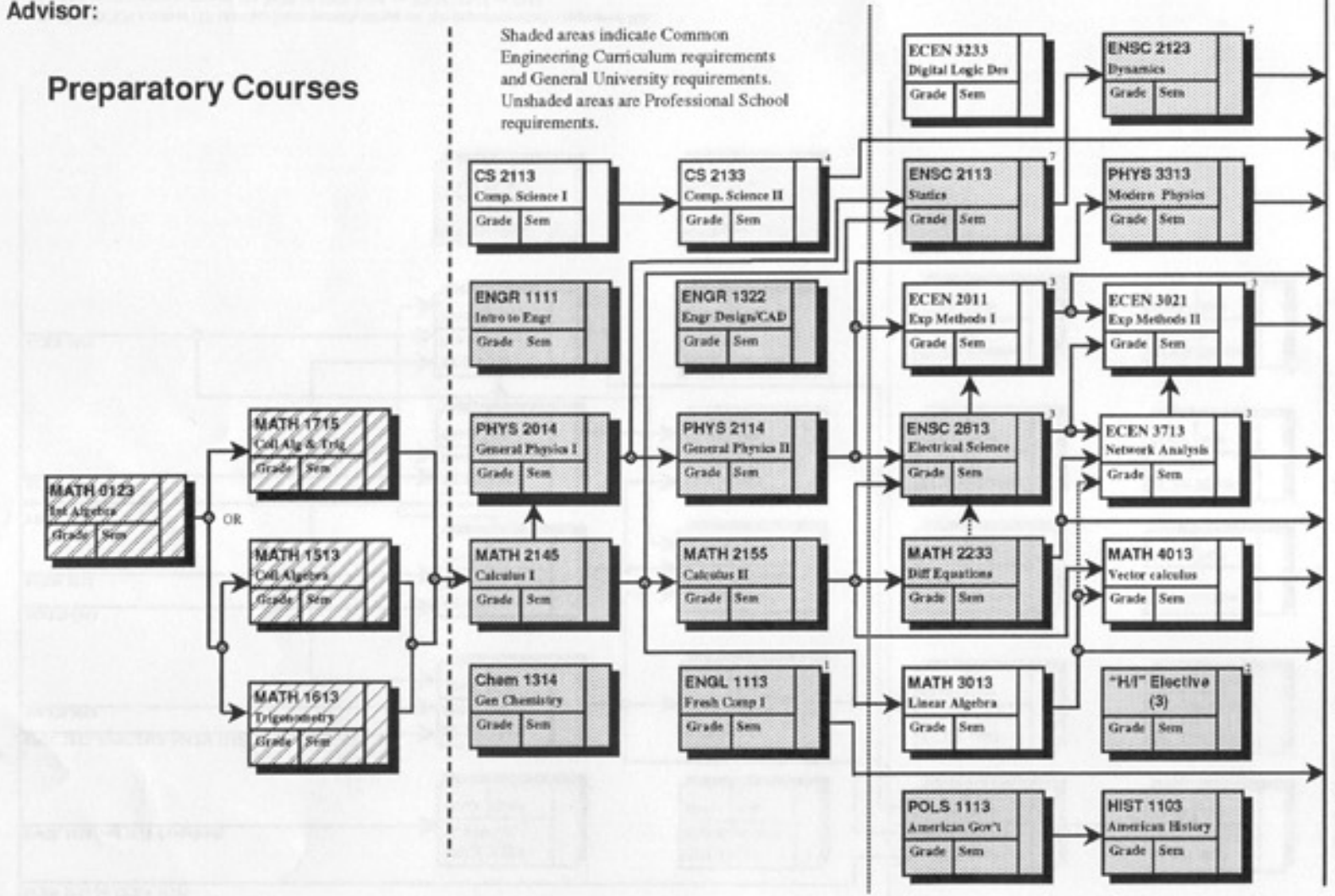
Oklahoma State University
College of Engineering, Architecture & Technology

Name:

Advisor:

Preparatory Courses

Shaded areas indicate Common Engineering Curriculum requirements and General University requirements. Unshaded areas are Professional School requirements.



Solid horizontal arrows indicate official prerequisites, vertical ones corequisites. Dotted arrows indicate suggested prerequisites/corequisites.

1. Students with less than a "B" in ENGL 1113 or 1313 must take ENGL 1213 or 1413; in addition to ENGL 3323.
2. At least 6 hours designated "H" and 6 hours designated "S". Of these, 3 hrs must meet the International Dimension "I". The total "H" and "S" program must ensure both breadth and depth as defined in the ABET criteria. Consult the College approved list for courses that qualify.
3. ENSC 2613 and ECEN 2011 should be taken concurrently; likewise for ECEN 3713 and 3021 and for ECEN 3313, 3613 and 3031
4. CS 2432 (C Programming) and CS 2351 (Unix Programming) may be taken instead of CS 2133 (Computer Science II).

Admission Requirements for the Electrical Engineering Professional School.

To be admitted into ECEN Professional School - to be eligible to take the upper level ECEN courses - the student shall have met the Professional School requirements. They are:

- Completion of at least 60 college level semester credit hours (SCH).
- Completion of at least 12 SCH from OSU.
- Completion of at least 59 SCH from the Pre-Professional School courses.
- Completion of MATH 2145, 2155, 2233, 3013, and 4013; PHYS 2014 and 2114; CHEM 1314; two Pre-Professional ENSC courses, ECEN 3713 and 3021; ENGL 1113 or 1313, and, if required, ENGL1213 or 1413.
- An overall GPA of 2.6 or better at OSU.
- A GPA of 2.7, or better, in all of the college-level math, science and engineering courses which you have taken at OSU and which are required for the B.S. in Electrical Engineering. These courses depend on your ECEN degree option; but, include MATH, STAT, PHYS, CHEM, BIOL, GEOL, ENGR, ENSC, ECEN, etc.
- A final grade of "C" or better in each of the above technical and English courses.

NOTE: This flow chart is for planning purposes only. Students matriculating in 2001 must meet the degree requirements as stated on the official degree requirement sheet dated "Academic Year 2001-2002."

Approved by ECEN faculty on 4/17/01

Electrical Engineering

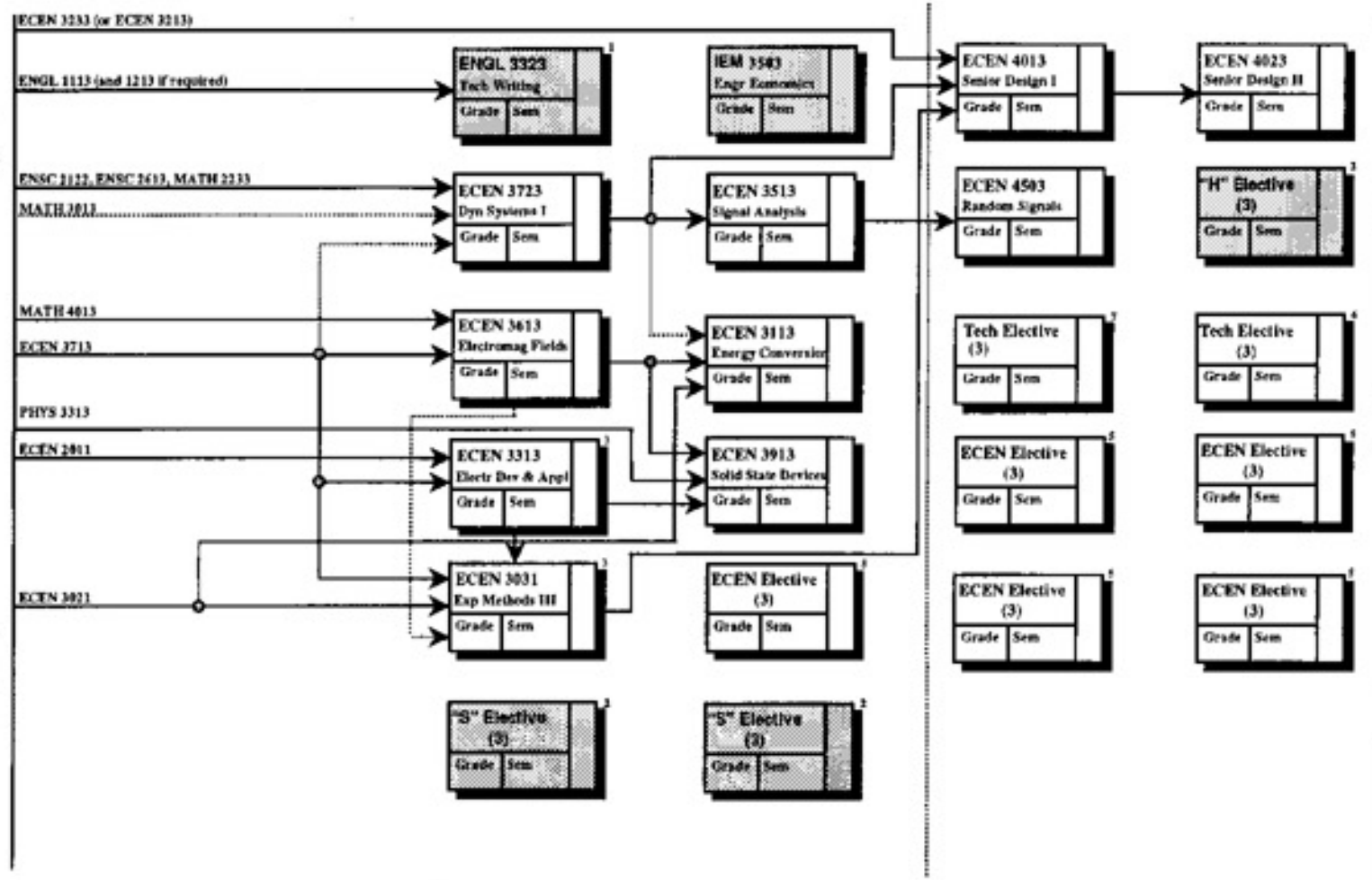
PROFESSIONAL SCHOOL OF ELECTRICAL AND COMPUTER ENGINEERING

Name:

Advisor:

Oklahoma State University
College of Engineering, Architecture & Technology

PREREQUISITES



5. Five ECEN courses (15 credits) from combinations on the departmentally-approved list.
6. Any engineering course at the 3000 or 4000 level, or ENSC 2143 or 2213.

NOTE:
I. Grade point in major is defined to cover all courses taken listed on the "right-hand column" of the requirement sheet.
II. A minimum grade of "C" is required in courses applied to major requirements.
III. A minimum grade of "C" must be made in ANY course used as a prerequisite for a required course.

MASTER'S PROGRAMS

Criteria for admission to the Graduate College to pursue the Master of Science or Master of Electrical Engineering include:

1. receive a B.S. degree from an accredited institution (the Bachelor of Science degree or certification in an accredited engineering program is required for the Master of Electrical Engineering degree).
2. academic performance in undergraduate work at a level that indicates a high probability of success in a graduate program requiring a 3.0/4.0 minimum grade point average.
3. recommended for admission to the Graduate College by a Professional School in the College of Engineering.

For further information, contact the School or the Office of the Dean of Engineering.

A flexible study plan is designed to meet each student's individual goals.

Approved by ECEN faculty on 4/17/01