

# Engineering, computer fields to see growth

By Kara Story  
Of the Emerald

Due to technology, the fastest growing occupations requiring a bachelor's degree are in the engineering, health and computer fields, according to U.S. Bureau of Labor statistics and Lawrence Smith, director of the Career, Planning and Placement Service in Hendricks Hall.

And the number of teaching positions, primarily from kindergarten through secondary school, is also expected to increase through 1995 to meet the demand created by teachers leaving the profession and a boom in school-age children, Smith said.

Computer systems analysts are at the top of the list, followed by computer programmers, electrical engineers, mechanical engineers, and accountants and auditors. The list is rounded out with kindergarten and elementary school teachers, physicians, lawyers and secondary school teachers.

The percent growth ranges from 13 percent for secondary school teachers to 85 percent for computer systems analysts. The number of jobs generated ranges from 109,000 for mechanical engineers to 511,000 for kindergarten and elementary school teachers.

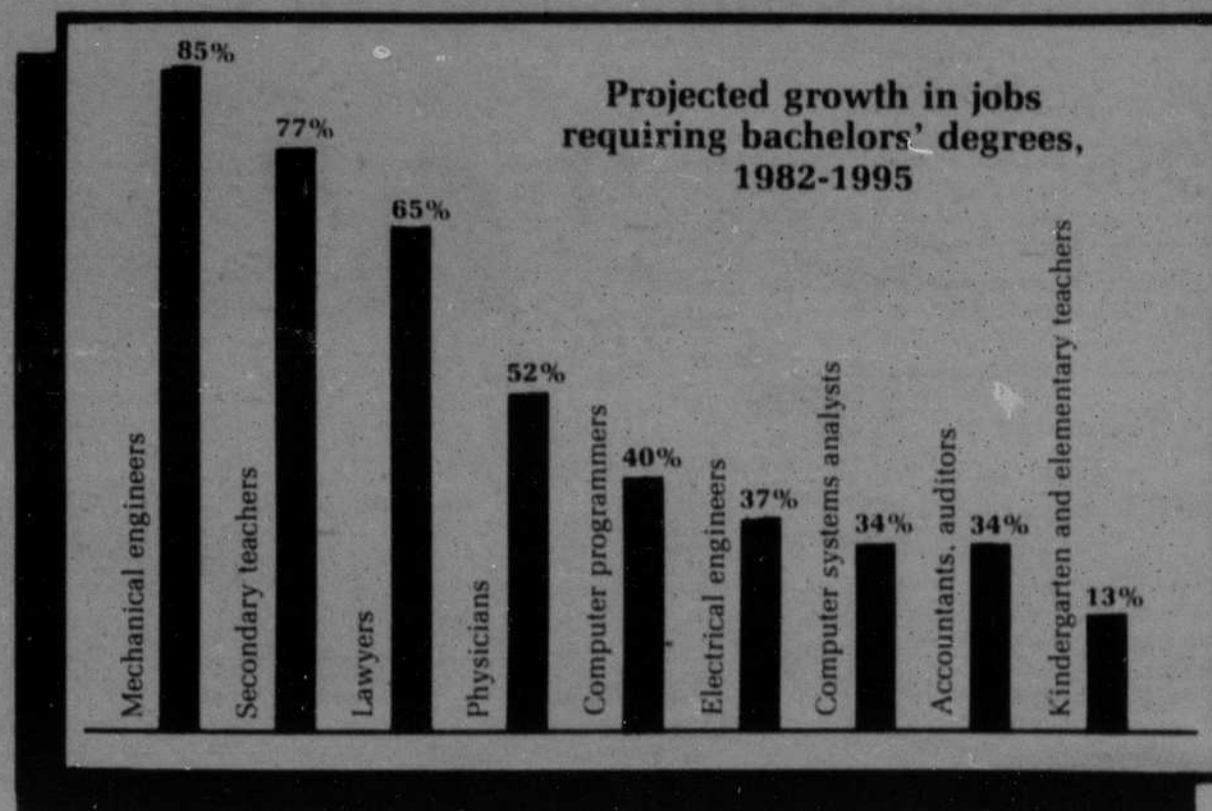
And based on projected population figures, a 1979 study published in Business Week magazine predicted the labor force will decrease.

The work force population, 22-44 years of age, has increased steadily since 1980 and will peak at about 78 million in 1995, the study stated. In the early 2000s, the population is expected to drop to 71 million, it stated.

And the study stated the population aged 45-64 years will increase from 50 million to 72 million by 1995.

The demand created by the increase in people 45-64 years old, who generally earn and spend more money, combined with the shortage of workers, may place a strain on businesses in the early 2000s, Smith said.

But he said, "Individuals that



choose a career based on projections for jobs available as their sole criteria may be setting themselves up for an unhappy

work life."

Instead, students should assess the skills they enjoy using and look for employment

opportunities that allow them to use those skills, he said.

Individuals who are unsure about their major or career-direction choices can receive guidance through the Career Assessment Program offered by the service, Smith said. The program uses standardized tests to help individuals identify skills, interests and personality characteristics such as values, temperament and preferred working relationships, he said.

Students also could benefit from attending one of the service's group-orientation sessions to become familiar with the services available, he said.

Juniors are especially encouraged to take advantage of the center this term because they will need resumes for fall recruiting of 1987 graduates, he said. Recruiter schedule are available at the placement office, he said.

## Today meet the Macintosh Plus



- large screen demonstration
- question & answer session
- panel participants include Apple Computer reps
- upgrade information

Tuesday, April 29, 4:30 P.M.  
138 Gilbert Hall

presented by the Computing Center



Get a new professional look from  
**Hair Today**

Haircuts include:  
• Shampoo,  
• Conditioning  
• and Precision Cut

for only

**\$12.95**

561 E. 13th (across from Max's)

**485-4422**

Parking available  
Open Saturdays