

Engineers are diamonds in the rough All they need is a little polishing

How often have you heard the remark, "why don't they come up with a - - - - so we can - - - -?" or, "we wouldn't have this problem if they hadn't built that - - -," or, "Have you bought those new - - - - they have invented.

Who is this "they" group? "They" are engineers—the community of designers, experimenters, and manufacturers, who create and produce the products and services for our society.

Engineers and engineering are mostly responsible for the physical condition in which we live, our economic structure, our mode of thinking, our values, and even our philosophical and religious attitudes.

They are responsible for eliminating the economic need for slavery; for making education a necessity; for the vertical elimination of the struggle for survival. They have provided man's comforts, services, and leisure exceeding anything ever achieved by the wealthiest ruler in history. They have reduced the work week and have made mass luxury. They are responsible for releasing mankind from the survival struggle so that man is free to pursue perfection and explore his universe. If our society is out to achieve the perfection of "the good life," it will be because "they" have provided materialism that freed us from the struggle for survival so that we can work toward it.

"They," the engineers are the MEN who make the scientific discoveries useful. "To know" is not of any value unless there is someone who can convert "know" into "do."

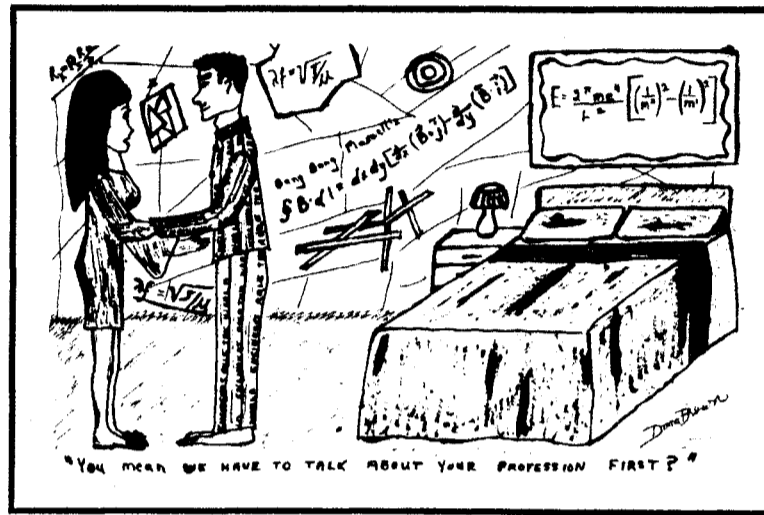
"As long as you believe you can't—you won't," was well said. Engineering is not a part-time job. It is not like some of the other professions in which you work 9:00 to 5:00 and forget about your work once you get home. Engineering is a way of life. A man can live 24 hours a

monds. Basically, however, they must be Engineers.

Some people who join the Faculty of Engineering because it is different and they think they might make engineers are mistaken. This way of life must be chosen by a person who either has the following or is capable of attaining them by sheer hard work. There is no carpeted way to success.

- 4) Desire for security—must be last think on his mind
- 5) Fear of ridicule—does not bother him
- 6) Cynicism—does not have
- 7) Concern for effect rather than cause is opposite of what he needs
- 8) Distrust of wild ideas—he explores all—nothing to wild for investigation

An Engineer's life is competi-



The requirements are:

- 1) Persistence
- 2) Thinking quickly of alternatives
- 3) Seeing gaps, finding hidden meanings
- 4) Self-feeling
- 5) Tying with ideas which stay with him even after working hours
- 6) Tremendous energy
- 7) Dedicated to problem solving
- 8) Aggressive
- 9) Unimpressed by status symbols
- 10) Insensitive to individual achievement of others
- 11) Likes to explore ideas
- 12) Independent and observant. Says what he believes in and tried his best to back them

and he must learn more every day of his life. He can not, after four years at the University, throw his books out, sit back in an arm chair, and learn nothing else for the rest of his days. One mistake of an engineer can cause very heavy damage, including loss of human life. Therefore, he has to keep up with almost all faculties during his life period. He has to keep up with the physicist, the chemist, the mathematician, the doctors, the teacher, the businessman, and God knows how many others.

Well, to the reply to Charles Lunch. I have not read anything by a more misinformed and ignorant man.

He complains about the spellings—well he could read it (I presume as he wrote about it).

Perhaps he would like to go and look the meanings of such words as "plumbers," "donkey" in any decent 50c dictionary—even though he considers himself an authority on the subject of language. I wonder what faculty can afford to have such ignorant people!!

If a girl accepts a date from an Engineer, she should expect to talk about his work. If she finds the subject so boring—why bother even for a first date? As for an engineer, it only takes a date or two to find out if it is worthwhile.

Engineers either do something or they don't. There is no average and the limit is where we set it.

Engineers, being very good conversationalists don't spend hours socializing and perfecting the art of conversation. That beats around the bush. They have better things to do. Most of them know what it takes to be an Engineer. If they don't then they must have an IQ of 35.

So next time you see an Engineer, just think how far Engineering has advanced since the first great Engineer invented the wheel and got us all rolling. — Nobody can even remember his name.

C. B. Sherman
eng 2

"Exam rules aid student" Wyman in letter to Fisher

Dear Dr. Fisher:

As I wrote to you on January 30, the executive committee of General Faculty Council considered your letter of January 23, 1970. The executive committee have asked me to explain to you that the regulations of General Faculty Council were adopted some years ago because there had been complaints from students that some instructors acted in a unilateral manner, without the consent of the students involved, in moving examination periods from one day to another to suit the convenience of the instructor. In a few instances, the university became aware that this procedure worked an undue hardship on some students. These regulations were designed so that the needs of the students could be met, and that students would not be required to write two examinations a day for several days running. This is, of course, difficult to ensure with some 20,000 students writing examinations. They were not designed, as you seem to assume, that the examination system must run "smoothly," except from the point of view of the

students involved.

I think you are aware that the regulations do not envisage all examinations being written during a particular period of time, and that other arrangements can be made by making an appeal to the faculty council involved.

M. Wyman
president

Profound stupidity or immoral satire

Dear Mr. Lunch:

If engineers are so nauseating, why did you make a meal of them. Envy? Maybe your faculty, if you are in a faculty, has no spirit. Perhaps your criticism was an attempt at satire. Then it was an immoral satire. If it was an attempt at humor, then it wasn't even suitable for the john. Then again, if you were serious, which I believe is highly debatable, you are an example of profound stupidity. You are as simple as that.

R. T. Inness
eng 1

Good people are obedient people: the good establishment said so

After considerable thought over the contents of Jerry Farber's article, I have come to the conclusion that he must have been joking. Either that, or he did not fully realize the numerous implications of his suggestions. (Feb. 13 Casserole "Grading Systems Produce A, F junkies").

As unlikely as it is that the event could occur, I feel that I must warn my fellow students of the serious consequences. Disaster would surely result. Can you imagine what would happen if students didn't have any "incentive" to learn their present program material? Well, it's quite likely that they'd only learn what they wanted to learn! Then some of the bolder students might actually suggest that they know what's best for them! Preposterous! How could the delicate structure of society be maintained unless the establishment was able to "direct" students to "relevant" topics?

Another thing. Jerry Farber said he felt that the grade system was not an accurate method of evaluating people. Hogwash! Any employer can tell you that a student with high marks is a better person than a student with low

marks. The student with higher marks has obviously proved that he can follow orders the best. It follows, then, that he is more "responsible." It also means that he is much more "responsive" to "incentive." After all, even the old prospectors knew that when you put your heavy load on the mule's back, he was not always responsive to your load. So of course, to make him obey, you kick him in the ass! Hard!!! And that's what students are. Asses.

Bill Klaus
sci 2

What is a sliderule to a real engineer?

After watching the antics of our prize paisanna (the engineers) I have concluded that they, individually and collectively, have a morbid fascination with things sexual, and with proving, at any cost, their masculinity. I should like to ask then, in all seriousness, is the slide rule a phallic symbol? And why do engineers like to play with their slide rules?

Kevin Smith
arts 1

day with it. So, if once in a while an engineer wants to forget, his time off is well earned. He works hard and he plays hard.

Some people (Gerald Lewis) think that they should not call themselves Engineers because they are students. I wish to point out to them that a person does not become an engineer in the four years which he spends at the University. The four years are just time to turn an amateur into a professional. The process of becoming an engineer is like the process of finishing uncut dia-

- with concrete facts
- 13) Gullible—open to experience
- 14) Can easily accept failure and tries again with a different method of approach and never really quits.
- 15) Patient.

He does not possess the following negative attitudes:

- 1) Resistance to change—he has very little
- 2) Desire to conformity—he does not have
- 3) Competitive jealousy—he can not afford as an engineer—must work as a team

