



Education: An Important Responsibility for IEEE

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WAVELENGTHS

The IEEE has a vital interest in the competence and quality of those engaged in electrical engineering. As such, we must work with educational institutions that prepare individuals to enter the profession and that provide continuing education to electrical and electronic engineers. The IEEE, therefore, supports activities that will attract high quality students—including women and minorities—to electrical engineering, works with institutions providing electrical engineering education, and fosters programs that advance the professional development of practicing engineers.

As the director of educational activities of the IEEE southeast Michigan section, I would like to share with you some of the ideas that we have been discussing for enhancing our educational activities. I would also like to hear from our chapter officers and our members on how we can help you in planning and facilitating educational events.

Here is the list:

Conduct a survey to determine the need for continuing education programs that will help our members advance professionally and improve their productivity. The focus would be on determining the needs of engineers working for small and medium-sized firms that currently do not offer comprehensive internal training programs. If you or your employer is interested in taking part in this

survey, please don't hesitate to contact me. We need your input!

Develop short courses, workshops, seminars, and field trips—independently or in conjunction with local educational institutions—that address the needs of our members. We think IEEE/SEM can provide a valuable service to companies in our region and their employees at a reasonable cost by leveraging the expertise of our local members. Our members can teach courses on almost any electrical engineering topic, including automotive electronics, computing, communication, and power engineering. In addition, we would cover career development topics, such as e-business, project management, and patents and intellectual property. Again, if you have any input on this, please don't hesitate to contact me. Enhance the IEEE/SEM web page by including education resource contents (i.g. establishing links to all available short courses in SEM, offered by either IEEE or other institutions). Support the section's involvement in technology educational programs for pre-college students and student's branch activities for college students.

Like all IEEE programs, the most important ingredient is your input and your involvement as a member. I am eager to hear from you. I can be reached at 313-593-5525 or by email: johnshen@ieee.org.

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PART 1. SECTION OFFICER & DIRECTOR POSITIONS

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