

MATHEMATICS - creating the foundations of the 21st century

Employment surveys show that:

- mathematics graduates go everywhere and do everything
(101 careers in mathematics, Mathematics Association of America)
- nearly one-third of all mathematics graduates end up performing very successfully in middle to senior management positions.
(Gazette, Australian Maths Society, 1995)

Mathematics graduates are not just good at mathematics.

Mathematics is an exacting and demanding study.

It produces graduates which are:

- highly versatile in what they can do;
- able to think clearly and objectively about complex situations;
- able to inform senior management by penetrating technical details and seeing beyond them to the wider implications;
- creative, yet disciplined in their approach to problems;
- comfortable with novel ideas and new circumstances;
- equipped with a broad range of generic skills which are at the heart of many activities;
- well versed in problem-solving strategies;
- able to quickly assimilate and adapt to new technologies and situations;
- good decision-makers who are able to make sound judgments by critically and logically assessing the circumstances;
- in possession of a battery of deep technical skills which are highly flexible in their application;
- able to quickly master and apply difficult ideas and methods; and
- able to work independently, while at the same time appreciating the value of leading, or working with, others toward the resolution of difficult problems.

If you can see the value of an employee with these skills, you may want to consider employing a mathematics graduate.

For further information contact:
The Department of Mathematics
The University of Newcastle NSW 2308.
Telephone: (02) 49 215537 Fax: +61 2 49 21 6898,
internet: <http://maths.newcastle.edu.au>



The UNIVERSITY
of NEWCASTLE
AUSTRALIA

