## PRINCIPLES OF EXERCISE

### Overload

- Intensity
- Frequency
- Duration

Training must be raised to a higher level than normal to create the extra demands to which your body will adapt.

## Specificity

Training must be specific to the sport or activity, the type of fitness required and the particular muscle groups.



## Progression

As your body adapts to training, you progress to a new level of fitness. To then take this to the "next level", a gradual increase in intensity is needed to create an overload.

## Reversibility

The effects of training are reversible. If exercise is reduced in intensity or even stopped, the benefit can be lost quickly.



With continued practice, your body will eventually turn a new sport, activity or movement skill into second nature.

## Individual Differences

Each person has a different response to an exercise or training program and each person needs to exercise and train accordingly.



# Scientific Principles And Practices Of Health Related Fitness

Eileen Kennedy, Pirkko Markula

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Physical Activity and Cardiovascular Disease Prevention Peter Kokkinos, 2010-10-25

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