A Vancouver style for use with LaTeX (using natbib) – example

We do not currently have any LaTeX style files for the Imperial College London referencing formats. The following is an example of a Vancouver style output which uses the natbib package. Natbib allows more flexibility in citation format and the specified bibliography style allows the inclusion of URLs for electronic resources (url= field).

- To invoke the natbib package, add `\usepackage[numbers]{natbib}` to the preamble. For round brackets around citations: `\usepackage[numbers,round]{natbib}
- To insert a citation, use the `\cite` command (see table below)
- To achieve a Vancouver style output, use the `\bibliographystyle{unsrtnat}` command

Further information can be found in the Citing and referencing in LaTeX - Using BibTeX guide. The following website also provides much useful information:
http://en.wikibooks.org/wiki/LaTeX/Bibliography_Management

Original document

```
documentclass{article}
\usepackage{amsmath}
\usepackage{amssymb}
\usepackage{graphicx}
\usepackage[numbers]{natbib}

\begin{document}

"Airplanes are by no means the only application of aerodynamics\" \cite[p. 213]{RefWorks: 1246}. The air flow over an automobile, the gas flow through the internal combustion engine powering an automobile, weather and storm prediction \cite[RefWorks: 1247]{RefWorks: 1247}, the flow through a windmill, the production of thrust by gas turbines, jet engines and rocket engines \cite[RefWorks: 1248]{RefWorks: 1248}, RefWorks: 1246), and the movement of air through building \cite[RefWorks: 1244]{RefWorks: 1244}.\cite[RefWorks: 1247]{RefWorks: 1247}

\bibliographystyle{unsrtnat}
\bibliography{EVR1/edit}
\end{document}
```
Natbib citation commands

<table>
<thead>
<tr>
<th>Command</th>
<th>Action</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>\cite{1145}</code></td>
<td>Citation appears as a number based on the order</td>
<td>e.g. aerodynamics [1]</td>
</tr>
<tr>
<td></td>
<td>in which the sources are cited</td>
<td></td>
</tr>
<tr>
<td><code>\cite[p.~22]{1145}</code></td>
<td>Allows page number to be inserted (used for</td>
<td>e.g. aerodynamics [1, p. 22]</td>
</tr>
<tr>
<td></td>
<td>direct quotes)</td>
<td></td>
</tr>
<tr>
<td><code>\cite{1145,1150}</code></td>
<td>Multiple citations appear</td>
<td>e.g. aerodynamics [1, 2]</td>
</tr>
</tbody>
</table>

Phototypeset document

‘Airplanes are by no means the only application of aerodynamics’ [1, p. 215]. The air flow over an automobile, the gas flow through the internal combustion engine powering an automobile, weather and storm prediction [2], the flow through a windmill, the production of thrust by gas turbine jet engines and rocket engines [1, 3], and the movement of air through building heater and air-conditioning systems are just a few other examples of the application of aerodynamics [4].

References


