Association of Independent Technical Colleges
2006 Consortium Codebook
### Association of Independent Technical Universities

<table>
<thead>
<tr>
<th>Item #</th>
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</table>
| 1a.    | AIT0601a   | Using **mathematics** to solve the types of technical problems I might face in my career | 1=Very little  
2=Some  
3=Quite a bit  
4=Very much  
9=Not applicable in terms of my present career goals |
| 1b.    | AIT0601b   | Using **scientific methods** to solve the types of technical problems I might face in my career | 1=Very little  
2=Some  
3=Quite a bit  
4=Very much  
9=Not applicable in terms of my present career goals |
| 1c.    | AIT0601c   | Using **engineering methods** to solve the types of technical problems I might face in my career | 1=Very little  
2=Some  
3=Quite a bit  
4=Very much  
9=Not applicable in terms of my present career goals |
| 1d.    | AIT0601d   | Defining scientific problems I might face in my career                        | 1=Very little  
2=Some  
3=Quite a bit  
4=Very much  
9=Not applicable in terms of my present career goals |
| 1e.    | AIT0601e   | Setting up and interpreting an experiment or investigation                     | 1=Very little  
2=Some  
3=Quite a bit  
4=Very much  
9=Not applicable in terms of my present career goals |
| 1f.    | AIT0601f   | Designing a device, experiment, program, or proof to meet someone else's specifications | 1=Very little  
2=Some  
3=Quite a bit  
4=Very much  
9=Not applicable in terms of my present career goals |
| 1g.    | AIT0601g   | Working effectively as a member of a team                                     | 1=Very little  
2=Some  
3=Quite a bit  
4=Very much  
9=Not applicable in terms of my present career goals |
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| 1h.    | AIT0601h   | Formulating and solving real world technical problems such as I might face in my career | 1=Very little  
2=Some  
3=Quite a bit  
4=Very much  
9=Not applicable in terms of my present career goals |
| 1i.    | AIT0601i   | Understanding the code of ethics for my chosen profession                  | 1=Very little  
2=Some  
3=Quite a bit  
4=Very much  
9=Not applicable in terms of my present career goals |
| 1j.    | AIT0601j   | Understanding how my future professional work might impact society         | 1=Very little  
2=Some  
3=Quite a bit  
4=Very much  
9=Not applicable in terms of my present career goals |
| 1k.    | AIT0601k   | Understanding the need for continuously updating my professional skills after graduation | 1=Very little  
2=Some  
3=Quite a bit  
4=Very much  
9=Not applicable in terms of my present career goals |
| 1l.    | AIT0601l   | Understanding current societal issues (e.g., political, cultural, economic) | 1=Very little  
2=Some  
3=Quite a bit  
4=Very much  
9=Not applicable in terms of my present career goals |
| 1m.    | AIT0601m   | Understanding state-of-the-art techniques, skills, and methods I might need in my career | 1=Very little  
2=Some  
3=Quite a bit  
4=Very much  
9=Not applicable in terms of my present career goals |
| 1n.    | AIT0601n   | Understanding the importance of seeking, accepting, and offering productive criticism of technical work | 1=Very little  
2=Some  
3=Quite a bit  
4=Very much  
9=Not applicable in terms of my present career goals |
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| 1o.   | AIT0601o | Being able to make decisions consistent with the health, safety, and welfare of the public | 1=Very little  
2=Some  
3=Quite a bit  
4=Very much  
9=Not applicable in terms of my present career goals |
| 1p.   | AIT0601p | Being able to recognize conflicts of interest that I might face in my profession | 1=Very little  
2=Some  
3=Quite a bit  
4=Very much  
9=Not applicable in terms of my present career goals |
| 1q.   | AIT0601q | Being able to develop reasonable estimates of the resources required to pursue an opportunity | 1=Very little  
2=Some  
3=Quite a bit  
4=Very much  
9=Not applicable in terms of my present career goals |
| 1r.   | AIT0601r | Knowing how to identify and when to disclose factors that might endanger the public or the environment | 1=Very little  
2=Some  
3=Quite a bit  
4=Very much  
9=Not applicable in terms of my present career goals |
| 1s.   | AIT0601s | Integrating the concept of sustaining the environment into decision making | 1=Very little  
2=Some  
3=Quite a bit  
4=Very much  
9=Not applicable in terms of my present career goals |
| 1t.   | AIT0601t | Integrating manufacturability factors into decision making | 1=Very little  
2=Some  
3=Quite a bit  
4=Very much  
9=Not applicable in terms of my present career goals |