

Curriculum Reform: Examining Graduate Attributes and Enhancing Teaching

Methodology

Develop a survey based tool to capture and assess Abertay Attribute development (employer workshop)

Produce an audit tool to evaluate the future support and enhancement of Abertay Attributes

Identify specific teaching and learning approaches that support identifiable Abertay Attribute growth

Assess the effectiveness of the learning approaches in developing attributes (student surveys at start and end of term)

Teaching Interventions

- Full-time work-based experience
- Part-time weekly work experience
- Simulated experience

Reflective practice: placement reports (civil engineering); role play and group work (coaching, sport & exercise psychology and counselling).

Civil Engineering Placement Stage 3:
Aleksandra Tomczyk



Design Signage for Road Bends



A889 Dalwhinnie to Laggan Bridge



- Aims:**
- Bring the road up to the current standards
 - Improve comfort of driving
- Method:**
- Researching bend categories signing and lining
 - Checking current bend signing
 - Designing new bend warning signs, chevrons and direction signs

90 hours over 4 weeks
16 pages of design

experience that delivers

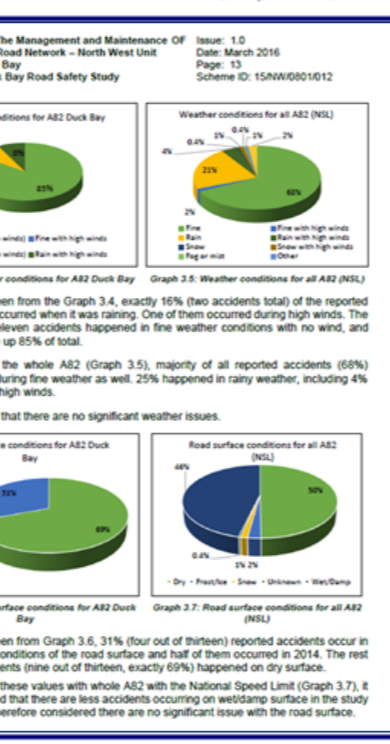
Road Safety Report



Method:

- Observing the road using the WebIRIS System and on site
- Gathering information about the section investigated
- Identifying safety issues
- Identifying signs, safety barriers and lining not compliant with standards
- Analysing traffic flow data
- Accident analysis
- Improvement options suggestions
- Economic appraisal

160 hours over 9 weeks
40 pages document



experience that delivers

Abertay Attributes

Industry engagement



Top Employer Expectations:

1	I am confident in my relationships with colleagues (Professional)
2	I am confident in my ability to be successful (Personal)
3	I can be trusted and relied on to do the job to the best of my abilities (Active Citizenship)
4	I can hold an intelligent conversation with a wide range of people on community, business and personal issues. (Academic)
5	I am prepared to take responsibility and lead if the situation requires it if I am the most capable person to do so. (Personal)

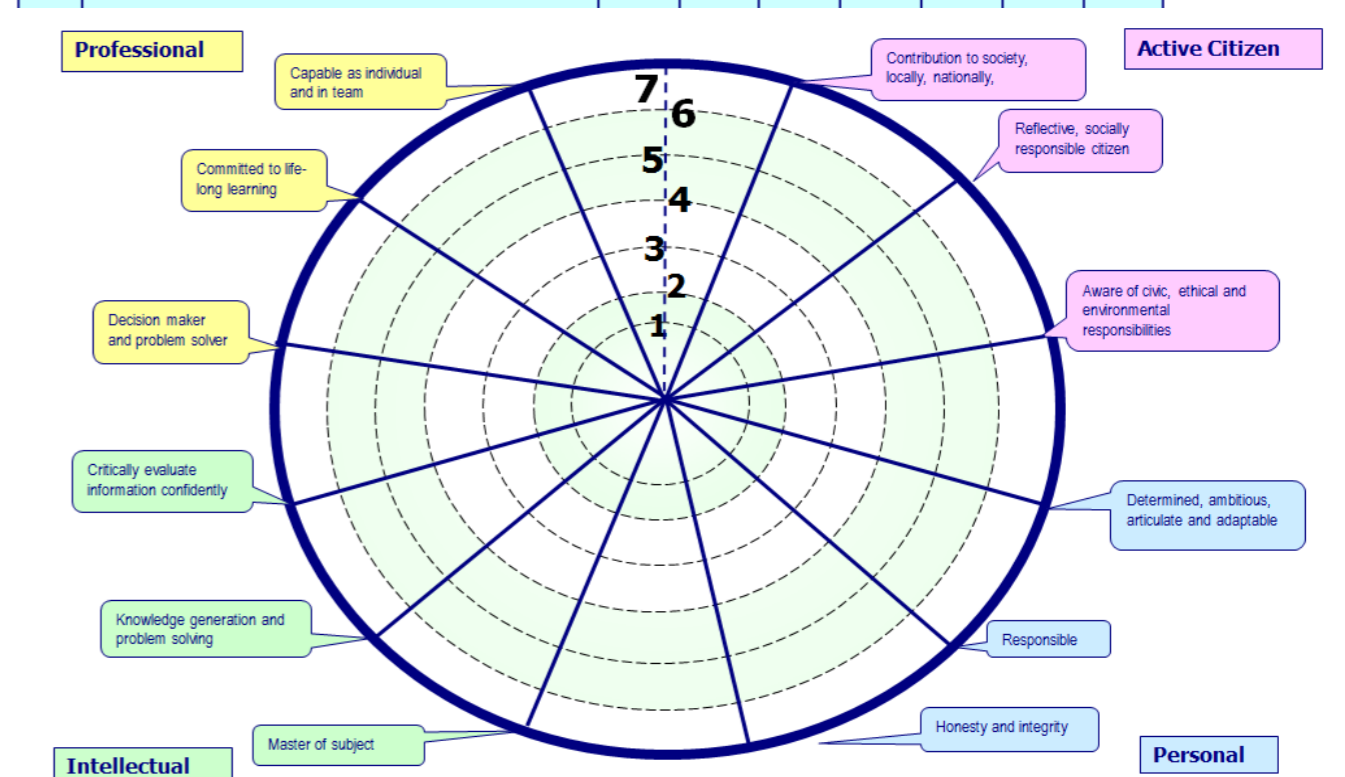
Self Evaluation Tool

Listed below are some statements that describe skills and attitudes that are essential to each of the Abertay attributes. Indicate your self-analysis by using the scale below. Place a circle from 1 to 7 inclusive in the space to the left of each question to indicate your level of agreement.

Strongly Disagree 1 2 3 4 5 6 7 Strongly Agree

Circle the ONE that most closely reflects your belief, a score of 7 means you strongly agree with the statement.

Personal Attributes	1	2	3	4	5	6	7
1 I would consider myself trustworthy							
2 Others would see me trustworthy							
3 I know my personal limits							
4 I ensure I deliver what I promise							
5 People who know me would consider me reliable							
6 I am always honest with people when dealing with difficult issues							
7 I believe honesty is important when interacting with others							
8 I am clear about my own values and live by them rigorously							
9 People consider me to be reliable							
10 I work in teams effectively							
11 People would call me friendly and approachable							
12 I am polite to others							
13 I am a good listener							
14 I am a good speaker							
15 I am enthusiastic when dealing with problems							
16 I am usually on time for meetings							
17 I can present my thoughts clearly to others							
18 I can work very focused on a given task							



Abertay Attributes Developed:

Intellectual: Critically evaluate information, tackle uncertainty and information gaps with confidence and self-awareness.

Professional: Equipped and motivated to continue learning and professional development.