Developing students’ innovation and enterprise skills through external collaboration.

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Developing students’ innovation and enterprise skills through external collaboration

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To outline the Scottish Innovative Student Awards (SISA) process from the SIE
To provide a progress update on SISA
To demonstrate the student enhancement
To outline how this collaboration has built capacity
Take Away’s
What are the Scottish Innovative Student Awards (SISA) from the Scottish Institute for Enterprise (SIE).

**Scottish Innovative Student Awards (SISA)**

**WHAT IS SISA?** — An award process that develops your innovation skills and provides you with an opportunity to apply for certificates.

**CERTIFICATE LEVEL** | **How is it achieved?**
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1. *FUTURE THINKER* | In class activities & on-line reflection
2. *INNOVATION CATALYST* | Attend national one day workshops
3. *INNOVATION CHAMPION* | Application/on-line worksheet

**WHY PARTICIPATE?**
- Develop future-ready skills that will open up new career opportunities
- Enhance your studies by gaining a greater understanding of innovation
- Stand out in the graduate recruitment market
The Context: a framework for developing innovation/enterprise skills

Ref: Enterprise and Entrepreneurship Education: Guidance for UK Higher Education Providers. QAA, Jan 2018
Future Thinker Skills

- Self-awareness & self-efficacy
- Adaptability, foreseeing
- Creative problem solving
- Opportunity recognition
- Collaboration
- Communication

SCHOOL OF CREATIVE AND CULTURAL STUDIES
Robert Gordon University (RGU) is the first university to achieve accreditation from the Scottish Innovative Student Award Scheme (SISA).

Created by the Scottish Institute for Enterprise (SIE), SISA will allow universities to deliver additional courses which equips students with a forward-thinking and enterprising business skillset.

The scheme will be delivered in modules running in tandem with students’ regular degree programmes and has been designed in conjunction with three of Scotland’s Innovation Centres; DataLab, Digital Health and Care Institute and CENSIS.

RGU’s School of Creative and Cultural Business is the first university to receive accreditation and the students can complete Level 1 ‘Future Thinker’ while studying their degree programmes.
Innovation Catalyst
Skills

✓ Managing ambiguity and uncertainty
✓ Co-design
✓ Pitching
✓ Influencing, communication and negotiation
✓ Innovation and intuitive decision making
✓ Civic responsibility

SCHOOL OF CREATIVE AND CULTURAL BUSINESS
Big shifts: Fitness

- Self motivation to take exercise and keep healthy.
- Easy access to gyms and more information on the benefits of exercise.
- Using technology to monitor body functions and give real-time information about performance and calories burned.
REATIVE AND CULTURAL BUSINESS
### Innovation Champion

- Demonstrates intent to take action
- Able to critically reflect and evaluate
- Able to research and plan in order to develop an innovative idea

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### the future is here...

**ANALYSE AND IMAGINE**

<table>
<thead>
<tr>
<th>personalising the future (3)</th>
<th>drivers of change (1)</th>
<th>your innovations (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>How will your drivers/impacts and signals impact on human needs and expectations?</strong> What could the day to day reality be for people experiencing them within your framework? What will change for them and will these changes be a good or negative experience?</td>
<td><strong>Use this box to record the framework you are using: The Future Of...</strong> The framework can relate to a sector or an issue that you are interested in. Then start to think about the drivers of change that are changing this sector or issue. Think big forces rooted in Social, Technological, Economic, Environmental or Political changes. What is their potential impact on this sector or issue?</td>
<td><strong>What do you think could be designed to meet these needs and expectations? Briefly outline what you think are the opportunities for innovation to shape the future you want for people. Don't be tempted to give too many surface on 1 or 2 good opportunities/ideas. These can relate to products, services, community initiatives, policies and technologies.</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Drivers</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Impacts</strong></td>
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</tbody>
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### DESIGN AND CREATE

<table>
<thead>
<tr>
<th>emerging expectations (4)</th>
<th>signals of inspiration (2)</th>
<th>who (6)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>What new human needs and expectations will emerge from these changes you have identified?</strong></td>
<td><strong>Briefly describe a few signals that you have identified amongst these drivers and impacts. How have they prompted you to think about the future?</strong></td>
<td><strong>Use this box to give some shape to a definite group of customers who might want to experience a future that includes your innovations. What would they value about your ideas? What benefits would they see in them that could give rise to your ideas being created or contextualised in the present?</strong></td>
</tr>
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Big Shifts: A learning and work example

Also held a staff workshop:

- Prescribed learning in pre arranged timeslots
- Blended learning
- Online learning
Also held a staff workshop:
Progress to date:
Outcomes in the Graduate Outcome Framework

<table>
<thead>
<tr>
<th>Academic Learning</th>
<th>Technical Skills</th>
<th>Experience</th>
<th>Study Abroad</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Acquisition</td>
<td>Subject-Specific Knowledge</td>
<td>Knowledge Application</td>
<td>Job-Related Development</td>
</tr>
</tbody>
</table>

Employability Skills

- Communication
  - Presentation
  - Active Listening
  - Written
  - Feedback

- Teamwork
  - Emotional Intelligence
  - Networking
  - Conflict Resolution
  - Customer Service
  - Negotiation

- Planning & Organizing
  - Time Management
  - Action Planning
  - Project Management
  - Self Management
  - Stakeholder Management

- Creativity & Enterprise
  - Creative Thinking
  - Innovation
  - Business Planning
  - Commercial Awareness
  - Risk Management

- Leadership
  - Strategic Thinking
  - Delegation
  - Motivating Others
  - Coaching
  - People Management

Evidence

- Unique Skill Profile
- Impact Statement
- Reflection
- Skill Examples
- CV Development
- Mock Interview
- Personality Tests
- Awards
- References
- Collaborative Work

Outcomes

- Degree Qualifications
- Employability Profile
- Experience & Professionalism
- Creative Innovators
- Confident Leaders
- Global Citizens

Empowerment - We are an inclusive, supportive learning and teaching environment that promotes student empowerment and success.

Employability - We are focused on developing students' employability through a variety of learning and teaching methods.

Experience & Professionalism - We are committed to providing a high-quality learning experience that prepares students for the workplace.

Creative Innovators - We are dedicated to fostering creativity and innovation in all areas of our curriculum.

Confident Leaders - We are committed to developing confident and effective leaders who are able to make a positive impact in their chosen fields.

Global Citizens - We are committed to preparing students to be global citizens who are able to engage effectively with people from diverse backgrounds.
https://www.sie.ac.uk/sisa/ online [accessed Jan 22nd 2019].