

Designing in Resilience: Transforming Learning, Teaching, and Assessment

ATU N-TUTORR Institutional
Lead, Dr Carina Ginty





Transforming
Learning



Ollscoil
Teicneolaíochta
an Atlantaigh

Atlantic
Technological
University

Follow N-TUTORR developments at ATU
[NTUTORR - Home \(sharepoint.com\)](https://sharepoint.com)



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Central principles explicitly evidenced throughout implementation

- Transform Learning, Teaching & Assessment
- Equality, Diversity & Inclusion
- Digital Transformation
- Sustainability and Education for Sustainable Development
- Do No Significant Harm
- National Initiative
- Robust tracking of “minimum” required deliverables (9,600 students, 4,000 staff)

STREAMS

National Technological University Transformation for Recovery & Resilience (N-TUTORR)

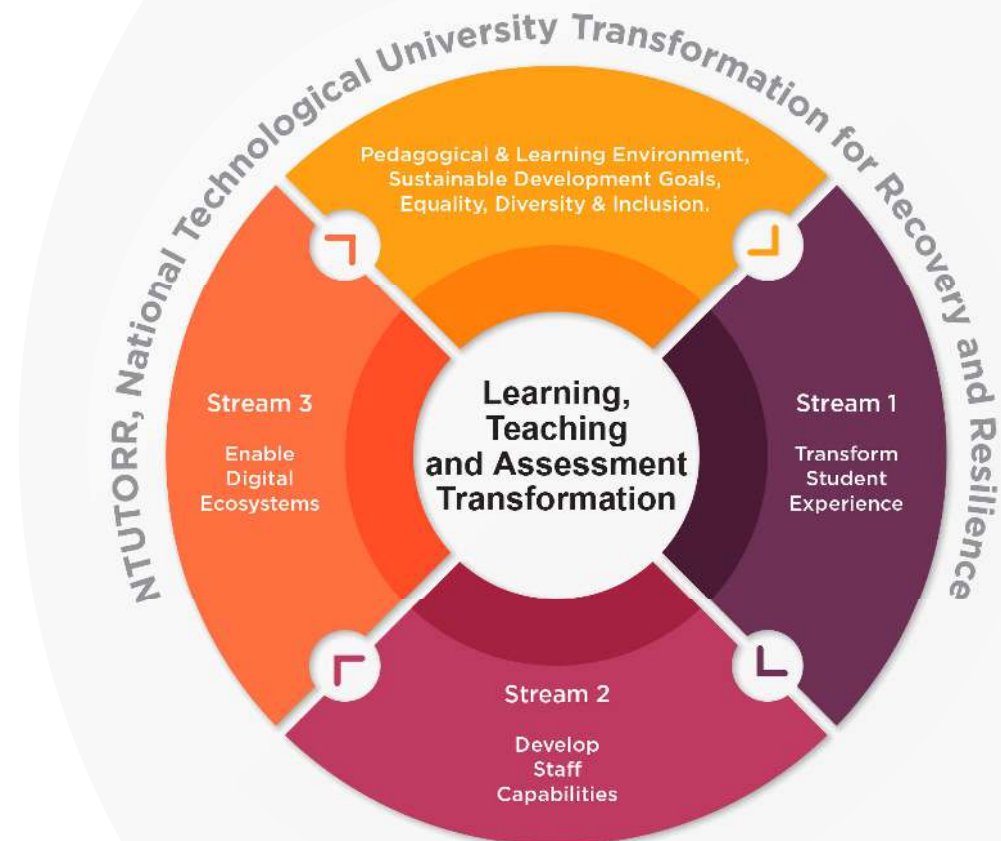


Transform the Student Experience through learner empowerment

Transform Learning, Teaching and Assessment by Developing Staff Capabilities

Enable Digital Ecosystems to transform Learning, Teaching and Assessment

Plus supporting WP of Programme Management Office Communications with HEA



NTUTORR Development Themes:

1. Digital Transformation in Teaching and Learning
2. Equality Diversity and Inclusion (EDI)
3. Education for Sustainability
4. Universal Design for Learning (UDL)
5. Academic Integrity



N-TUTORR STREAMS

Stream 1 TU Sector Leads for N-TUTORR:
Dr Carina Ginty (ATU) + Dr Moira Maguire (DKIT)

Transform the Student Experience through learner empowerment

WP 1.1 Sustainable pathways to higher education

HyFlex Access HE Foundation Programme
Micro-credentials (to meet regional needs)
HyFlex Student Support Pilot

WP 1.2 Empower students to become change agents

Partners in Innovation & Change Fellowship Programme
Digital Literacy & Citizenship Student Competency Framework

WP 1.3 Academy for education for sustainability, leadership and employability

National TU Student Digital Backpack
Student Digital & Sustainable Futures Champions Network

Stream 2 TU Sector Leads for N-TUTORR:
Prof. Jacqueline McCormack (ATU)
+ Ken McCarthy (SETU)

Transform Learning, Teaching and Assessment by Developing Staff Capabilities

WP 2.1 Develop staff capabilities using a sustainable higher education framework

Sectoral Sustainable HE Framework CoP,
Sustainable HE Champions, Toolkit, Digital Badging

WP 2.2 Develop a curriculum framework for digital transformation, resilience and sustainability in higher education

Staff workshops, Curriculum Framework, integration of Curric. Framework, graduate attributes, and UDL principles

WP 2.3 Develop capabilities of all staff to support digital transformation, resilience and sustainability in higher education

Needs analysis, staff CPD plan, staff development portal, recognition of CPD

Stream 3 TU Sector Leads for N-TUTORR:
Frances O'Connell (TUS), Mike Ahern (TU Dublin), Dr Gearoid O Suilleabhain (MTU)

Enable Digital Ecosystems to transform Learning, Teaching and Assessment

WP 3.1 Sustainable Learning & Pedagogical Environment: Digitally Enabled Assessment embedding Academic Integrity

Digitally enabled assessment / examination, proctored assessment system, research ethics mgt system, digitally enabled academic integrity, repository & training programmes

WP 3.2 Digital Campus

Hybrid & on-campus digital enhancement, media delivery spaces, future media production hub, badging / microcredentials, open education platform

WP 3.3 Improve flexibility and accessibility of learning resources

Sectoral coordination team, IReL, CRM for learner recruitment, flexible learner pathways

MEET THE NTUTORR PROJECT TEAM



Prof. Jacqueline McCormack
VP EDI and Online Development



Dr Carina Ginty
NTUTORR ATU
Institutional Lead (SLII)



Jessica Duffy
Stream 1 Student
Empowerment Co-ordinator (G7)



Dr Ellen McCabe
Stream 2 Teaching &
Learning Co-ordinator (G7)



To be appointed
Senior Technical Officer



Noreen Henry
Academic Developer
(SL1 ½ post)



Dr John Scahill
Academic Developer
SDG's (SL1 ½ post)



Stephen Aitken
Staff Development
Coordinator (G7)



David Chernick
Instructional Designer



Dr Sarah Carroll
Data
Analyst/Researcher
Stream 1



**N-TUTORR Academic
Champions**



**N-TUTORR Fellowship
Project Teams**



**N-TUTORR Student
Champions**
announced in June



MRes Researcher
announced in June

**NOTE: 50+ staff (Champions & Fellows)
across 9 campuses in place for
N-TUTORR transformation LTA themes.**



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Stream 1

Transforming the Student
Experience Through Learner
Empowerment





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Work packages underway in Stream 1

Partners in Innovation & Change Fellowship Programme

(133 awarded in the TU sector - **28 in ATU**)

Student Digital & Sustainable Futures Champions Network
(100 sector – **21 in ATU**)

TU Student Digital Backpack
(pilot backpack starts June)

HyFlex/Hybrid Access HE Foundation Programme
(local TU work groups set-up, audit commencing next on resources)

Micro-credentials
(incl. regional needs)
(TU sector work group underway – aim to have 7 min. from the sector)

Partners in Innovation Fellowship Awards at ATU

<p>LETGO of Stress, Ruth Quinn (National Fellowship Award Recipient)</p> <p>"A robot ate my homework!" A student led approach towards finding solutions to the emergence of essay mills and AI technology in academic writing, Robert Mooney</p> <p>University Greenhouse, Davy Walsh</p> <p>Student Informed Self-Regulation Programme, Shelley Brady and Catriona Fahey</p> <p>Triangulation of Assessment Students, Tutors, Educator, Engagement (TOASTEE), Rita Melia</p> <p>Developing Ocean Literacy & Connections in Early Childhood Education, Caitriona Ryan</p> <p>Get Cycling, Orla Prendergast</p> <p>Developing an authentic, inclusive Library Service through Collaboration and Student Engagement, Sinéad Kelly</p> <p>Implementing and Evaluating Project-Based Learning (PBL) in Undergraduate Introductory Statistics Modules at ATU Sligo: A pilot study, Akinlolu Akande</p> <p>Trialling Visual Learning Techniques for Practical Construction Stage Solutions, Maria Holmes and Daniel Clarke Hagan</p> <p>Building an Educational Toolkit to Promote Engagement in Molecular Biology, Mary Heneghan</p> <p>Digital Transformation in Teaching of Authentic Forensic Science Casework allowing Students to Work with Industry before Graduation, Geraldine Dowling</p> <p>Stepping Outside the Box: The impact of experiential learning beyond the lecture hall, Mary McCormack</p> <p>Sustainathon (Sustainable Consumption on Our Campus), Gabriela Gliga</p>	<p>Inclusion by Design: An intentionally designed and culturally inclusive innovative space, that will foster intercultural engagement and celebrate difference, diversity and cultural heterogeneity, Mary Nestor</p> <p>My Stats One-Stop Shop: A resource-based portal for statistics support for students and staff, Richéal Burns</p> <p>Student Entrepreneurship SIG, Mark Campbell</p> <p>Creating an Inclusive Environment in Culinary Arts, Clare Gilsean</p> <p>Development of a Digital Badge to enable Flexible, Independent Learning of Animal Cell Culture Techniques, Roisin Atcheson and Eva Campion</p> <p>Careers Fair for Nutrition Students and Graduates, Evelyn Hannon Linnane</p> <p>Language Provision at the TU: Perspectives from the ATU's Students and Local Employers, Sarah Berthaud</p> <p>Connections: An Entrepreneurial Initiative, Cathy O'Kelly</p> <p>Meeting the Sustainable Development Goals through Education: A showcase of innovative assessment and a SDG World Café event, Carmel Heaney</p> <p>Empowering Students for Future Living, Kevin O'Callaghan</p> <p>Sustainability in Action, Ellis McNulty</p> <p>A Digital Careers Information and Resources Screen, Fiona O'Donnell</p> <p>4th Year Digital Media E-Portfolio Project, Annette Cosgrove</p> <p>Development of a Pilot Peer Led Wellness Cafe Model in 3rd Level Setting, Sharon Ferguson</p>
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ATU Fellowship Project Awards

28 Awards

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TU Student Digital Backpack

Piloting from June

Self-directed micro-courses (non-accredited) with a digital badge. Piloting from June with 100 Student Champions:

- Discover Digital Capabilities
- Academic Integrity
- Introduction to Sustainable Dev. Goals
- White Ribbon (EDI)
- Community Engagement
- Public Speaking

20 + more to review from audit and curate thematic learning pathways from the Autumn







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Stream 2

Transforming learning,
teaching and assessment by
developing staff capabilities



Develop a sustainable futures higher education curriculum framework:

Audit of Sectoral Sustainable HE Framework Resources
Academic Champions (20+) in ATU recruited

Develop staff capabilities using a sustainable higher education framework:

Sectoral Sustainable HE Framework Community of Practice (CoP)
Audit Resources for an LTA Toolkit
Exploring Digital Badging recognition for ALL staff

Develop capabilities of all staff to support digital transformation, resilience and sustainability in higher education:

Needs analysis planning underway
Staff CPD plan in place by end of June
ATU Staff Training Hub in design stage
Exploring CORE capabilities.



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Work packages and activities underway in Stream 2



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ATU Academic Champions

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Academic Champions

Champion Name	Theme	Head of Department
Galway-Mayo (5 campuses)		
Lucia Cloonan	Digital Transformation	Meghann Drury-Grogan
Ed Daly	Academic Integrity	Robert Mooney
Cormac Handy	Sustainability	Jacinta Dalton
Helen Cregg	Digital Transformation	Eugene McCarthy
Anne Tynan	UDL	Deirdre Lusby
Anne Wiseman	Sustainability	Mary Rogers
Natasha Rohan	Sustainability	Des O'Reilly
Seamus Dowling	Digital Transformation	Gareth Roe
Wayne Gibbons	Digital Badge Champion	Mary Rogers
Sligo Campus		
Mary Malone	UDL	Xavier Velay
Margaret Doherty	UDL	Neville McClenaghan
Eileen Armstrong	Digital Transformation	Neville McClenaghan
Jess Mannion	EDI	Valerie McTaggart
Meekness Musasa	EDI	Valerie McTaggart
Alan Kelly	Digital Transformation	Tomas O'Flaherty
St. Angela's College Campus		
Siobhan O'Dowd	UDL	Emer McSharry
Letterkenny Campus		
Eleanor Diver	Academic Integrity	Anne Boner
Paul McGuckin	Digital Transformation	Patricia Doherty
Una Carthy	Digital Transformation	Bronagh Heverin
Killybegs Campus		
Patrick Brennan	UDL	Nicola Dunion
Eloise McGinty	UDL	Nicola Dunion

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N-TUTORR CHAMPIONS AND FELLOWS INDUCTION

Question 1



Question 2



Question 3



ASK ELLEN
Synergies between projects
DROP IN CLINICS

Drumhrieny Hideaway
15th May 2023



Drawn by Tamsin Cavallo



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Climbing the UDL Ladder: Building a Culture of Inclusion in Higher Education



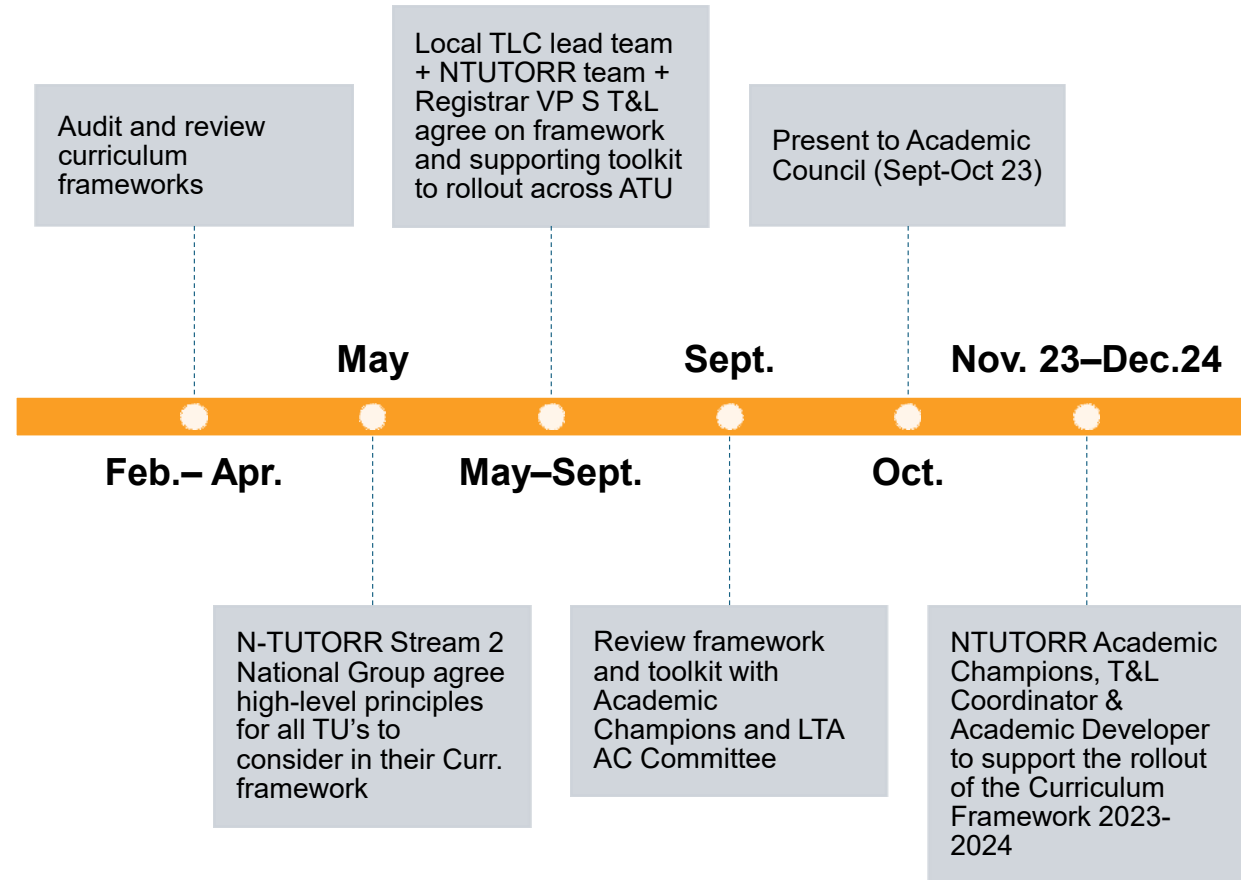
AdvanceHE



Develop a sustainable futures curriculum framework for ATU

Themes in the framework should include:

1. Digital Transformation in Teaching and Learning/ Building Digital Capabilities
2. Equality Diversity and Inclusion (EDI)
3. Education for Sustainability
4. Universal Design for Learning (UDL)
5. Academic Integrity
6. Employability





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Stream 3

Digital Ecosystem to
Transform Learning,
Teaching and
Assessment



Stream 3: Digital Ecosystem to Transform Learning, Teaching and Assessment

WP 3.1 A Sustainable Learning and Pedagogical Environment

- A digitally enabled assessment/examination management system & repository
- A proctored e-assessment/e-examination management system
- Digitally enabled research ethics application management system for students and staff
- Digitally enabled academic integrity software solutions and toolkits for students and staff

WP 3.2 Digital Campus

- a range of **hybrid and on-campus digital enhancement solutions**
- bespoke **media/delivery spaces** with the creation of media-rich asynchronous learning content.
- **future media production ideas** focussed on the creation and curation of reusable “here and now” & media-rich digital learning content with immersive technology and virtual production capacity to meet the future needs of learners.
- **badging/micro credential issuing platform** that integrates with existing digital and academic infrastructure and systems and helps share and cohere emerging practice in the area.

Stream 3: Digital Ecosystem to Transform Learning, Teaching and Assessment

WP 3.3 Improving flexibility & accessibility

- Adoption and deployment of **IReL**
- Deploy integrated **CRM** system
- VLE Integration consultation, scoping and planning
- Digital innovation and transformation investment initiatives



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EU Milestones





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EU Milestone 86 – impact

4,000 staff in the sector

858 ATU

(as at March 23rd 2023 in ATU 324 staff)

EU Milestone 87 – impact

9,600 students in the TU sector

2,400 ATU (guide 12%) by April 2024



NTUTORR ATU Campus Engagement Sessions

planning for May-June at ATU campuses
with NTUTORR ATU Lead + Team

Insights Session to cover:

- NTUTORR Fellowship Award Projects
- Sustainable Futures Curriculum Framework piloting plans
- Student Champions + TU Student Digital Backpack plans
- Staff Academic Champions
- FYE Induction Digital Badge Opportunities
- ATU Staff Training Hub
- Staff training needs analysis – survey tool, LTA strategy World Cafes, focus groups etc.



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