

# Institute of Technology Carlow Faculty of Engineering Extended Campus



INSTITUTE *of*  
TECHNOLOGY  

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CARLOW

Institiúid Teicneolaíochta Cheatharlach



# Institute of Technology Carlow

## Faculty of Engineering

Department of  
Aerospace,  
Mechanical &  
Electronic Engineering

Department of Built  
Environment

Extended Campus

# Extended Campus

## Industry Specific Collaborative Programmes

**Dublin Airport Authority**  
**Irish Defence Forces**  
Fire Services Operations

**Dublin Aviation Authority**  
Flight Operations  
Flight Dispatching  
Aviation Management

**Irish Defense Forces**  
Taught Masters  
Leadership  
Management &  
Defence Studies

**Emergency Services**  
Incident Command  
Management  
Emergency Services  
Management

**MSD**  
Leadership for  
Performance &  
Change  
Biopharmaceutical  
Operations

**CISM Network Ireland**  
Critical Incident Stress  
Management

**GAA**  
Leadership &  
Management  
Event Control &  
Management

**Local Authority (LASNGT)**  
Road Programme  
Management  
Building Control  
Management  
Environmental & Planning  
Legislation



# Extended Campus



Northern Ireland  
Fire & Rescue Service



The Chartered  
Institute of Logistics  
and Transport



LloydsPharmacy



Legal Aid Board  
An Bord Um Chúnamh Dílíthiúil



NATIONAL  
AMBULANCE  
SERVICE  
IRELAND



OBERSTOWN  
CHILDREN  
DETENTION  
CAMPUS

CARE  
EDUCATION  
HEALTH  
WELLBEING

# Certificate in Environmental & Planning Legislation

- Level 7
- 10 ECTS
- Lecturers / facilitators /design team
- Assessment (two 50%)



The aim of this Programme is to provide a minimum competency for personnel in the Local Authorities who are responsible for compliance with and regulation of EU Environmental Directives:

- Environmental Impact Assessment
- Habitats
- Water Framework Directives

# Timetable of classes

CERTIFICATE IN ENVIRONMENTAL & PLANNING LEGISLATION						CW_ESEPL_V
<b>Timetable of classes</b>						
<b>Day 1</b>						
Programme overview & opening addresses	All learners attend - session 1 Online: <b>Thursday 7/10/2021</b>					<b>09:30-12:00</b>
<b>Day 2</b>						
Strategic Environmental Assessment	All learners attend session 2 Online: <b>Tuesday 19/10/2021</b>					<b>09:30-13:00</b>
<b>Day 3</b>		<b>Roscrea</b>	<b>Ballincollig</b>	<b>Stranorlar</b>	<b>Mayo</b>	<b>Ballycoolin</b>
<b>Directive:</b> Water Framework	Monday 8/11/2021	Tuesday 9/11/2021	Monday 15/11/2021	Tuesday 16/11/2021	Thursday 18/11/2021	<b>09:30-17:00</b>
<b>Day 4</b>		<b>Roscrea</b>	<b>Ballincollig</b>	<b>Stranorlar</b>	<b>Mayo</b>	<b>Ballycoolin</b>
<b>Directive:</b> Environmental Impact Assessment	Wednesday 19/01/2022	Friday 21/01/2022	Monday 24/01/2022	Tuesday 25/01/2022	Thursday 27/01/2022	<b>09:30-17:00</b>
<b>Day 5</b>		<b>Roscrea</b>	<b>Ballincollig</b>	<b>Stranorlar</b>	<b>Mayo</b>	<b>Ballycoolin</b>
<b>Directive:</b> Habitats Directive & Appropriate Assessment	Monday 7/03/2022	Tuesday 8/03/2022	Monday 14/03/2022	Tuesday 15/03/2022	Friday 18/03/2022	<b>09:30-17:00</b>
<b>Day 6 All learners attend</b>						
Programme review; guest speakers; Q&A	Session 1 Online: <b>Tuesday 12/04/2022</b>					<b>09:30-13:00</b>
<b>Day 7 All learners attend</b>						
Report writing; guest speaker; feedback on CA 1; CA 2 briefing	All learners attend session 2 Online: <b>Thursday 14/04/2022</b>					<b>09:30-13:00</b>

# Day 1 / Day 2

Day 1 (1/2 day on-line)		
09:30 – 10:00	Induction for participants by IT Carlow	<b>Anne Meaney</b>
10:00 – 10:15	<b>Overview of Programme (incl Senior Staff)</b> Induction by IT Carlow/LASNTG	<b>Anne Meaney</b>
10:15 – 10:30	<ul style="list-style-type: none"> <li>Background – Programme development</li> <li>Introduction to Module leaders</li> <li>Programme overview</li> </ul>	<b>John Mulholland</b> <b>Niall Cussen</b> <b>Eimear Cotter</b> <b>David Flynn</b> <b>Judith O'Connor</b>
10:30 – 10:50	Opening address by Chair	
10:50 – 11:10	OPR	
11:10 – 11:30	EPA	
11:30 – 11:50	DHLGH	
12:00 – 12:30	DHLGH Q and A	

Day 2: SEA Directive (1/2 day on-line)		
9:30 - 9:45	<b>Introduction</b> <ul style="list-style-type: none"> <li>Background</li> <li>Learning objectives</li> <li>Introduction to Assignment 1</li> </ul>	<b>Bernadette Guest</b> (Waterford City and County Council)
9:45 - 10:45	<b>The SEA Directive (2001) SEA Regulations (2004) (2011)</b> <ul style="list-style-type: none"> <li>Introduction to legislation</li> <li>Guidance on SEA</li> </ul>	<b>Tadhg O'Mahony</b> (EPA)
10:45	<b>Tea/Coffee break</b>	
11:15-12:15	<b>SEA Screening and the Environmental Report</b> Screening – when is SEA needed? <ul style="list-style-type: none"> <li>Best practice for preparing and reviewing Environmental Reports</li> <li>The SEA Statement</li> </ul>	<b>Antonia Gaughran</b> (RPS)
12:15 - 13:00	<b>SEA in Practice- The SEA Environmental Sensitivity Tool and Monitoring your plan</b>	<b>Ainhoa Gonzalez</b> (UCD)
13:00	<b>Breakout and feedback</b>	

# Day 3 Water Framework

9:30 - 9:45	<b>Introduction</b> <ul style="list-style-type: none"> <li>Background</li> <li>Learning objectives</li> <li>Linkages to related Directives</li> </ul>	<b>Donal Daly</b> (Catchment Scientist)
9:45 - 10:25	<b>The Water Framework Directive (2000)</b> <ul style="list-style-type: none"> <li>Description of relevant Articles</li> <li>Application of Surface Water Regulations</li> </ul>	<b>Donal Daly</b> <b>Ruth Hennessy</b> (LAWPRO)
<b>10:25 – 10:35</b>	<b>Breakout and feedback</b>	
10:35 - 11:15	<b>Two aspects relevant to local authorities</b> <ul style="list-style-type: none"> <li>High status water bodies – the Blue Dot Programme.</li> <li>The WFD and planning</li> </ul>	<b>Cormac McConigley</b> (LAWPRO) <b>Colin Ryan</b> (DHLGH)
<b>11:15 – 11:30</b>	<b>Tea/Coffee break</b>	
11:30 – 11:45	<b>The Groundwater Directive (2006)</b> <ul style="list-style-type: none"> <li>Description of relevant Articles</li> </ul>	<b>Donal Daly</b>
11:45 - 12:45	<b>WFD Implementation Outcomes (2020)</b> <ul style="list-style-type: none"> <li>Water body status results</li> <li>The <i>significant issues</i> (or pollutants)</li> <li>The <i>significant pressures</i></li> <li>Priority Areas for Action (PAAs)</li> <li>Governance</li> <li>The draft RBMP</li> <li>Abstraction licensing</li> </ul> <ul style="list-style-type: none"> <li>An environmental NGO perspective</li> </ul>	<b>Donal Daly</b>  <b>Colin Byrne</b> (DHLGH) <b>Ann-Marie Donlon</b> (EPA) <b>Elaine McGoff</b> (An Taisce)
<b>12:45 – 13:00</b>	<b>Breakout and feedback</b>	

13:30 -14:20	<b>Scientific approaches for implementation</b> <ul style="list-style-type: none"> <li>Integrated catchment management (ICM)</li> <li>Characterisation approach</li> <li>Point and diffuse pollution sources</li> <li>Time lags for improvements</li> <li>Recommended process for deciding on mitigation actions</li> <li>Pollutant loadings analysis</li> <li>Overview of protection and mitigation actions</li> </ul>	<b>Donal Daly</b>
14:20 - 14:50	<b>Example of a local catchment assessment</b> <ul style="list-style-type: none"> <li>Sub-catchment in each region</li> </ul>	<b>LAWPRO</b> (Catchment scientist)
<b>14:50 - 15:00</b>	<b>Breakout and feedback</b>	
15:00 - 16:00	<b>Looking to the future</b> <ul style="list-style-type: none"> <li>“A Framework for Integrated Land and Landscape Management” proposed by An Fóram Uisce</li> <li>What we need to do during the next cycle</li> <li>Role of local authorities in achieving the protect objective</li> </ul>	<b>Donal Daly</b>  <b>Jenny Deakin</b> (EPA) <b>Carol McCarthy</b> (LAWPRO)
16:00 - 16:10	<b>Summary</b> <ul style="list-style-type: none"> <li>Issues relevant to local authorities</li> </ul>	<b>Donal Daly</b>
16:10 - 16:30	<b>Wrap-up</b> <ul style="list-style-type: none"> <li>Discussion</li> <li>Assignment 1</li> </ul>	<b>Donal Daly</b>



# Day 4 Environmental Impact

<b>Session 1</b> 9:30 – 10:00	<b>Introduction</b> Background <ul style="list-style-type: none"> <li>• Overview for the day etc.</li> <li>• Briefing on Assessment 2</li> </ul>	<b>Nuala O’Connell</b> (Limerick City and County Council)
<b>Session 2</b> 10:00 – 11:00	<b>EIA &amp; The Planning System</b> <ul style="list-style-type: none"> <li>• Background and Role</li> <li>• Legislative Context</li> <li>• Integration of Environmental Assessment</li> </ul> <b>EIA and Role of the EPA</b> <ul style="list-style-type: none"> <li>• Background and Role</li> <li>• Guidelines to be contained on EIARs.</li> <li>• Integration of EIA and the Licencing process</li> </ul> <b>EIA and An Bord Pleanala</b> <ul style="list-style-type: none"> <li>• Background and Role</li> <li>• Local Authority Developments &amp; EIA</li> <li>• Strategic Infrastructure and EIA</li> </ul>	<b>Anne-Maire O’Connor (OPR)</b>  <b>Rachel Neeson (EPA)</b>  <b>Ciara Kellett (An Bord Pleanala)</b>
<b>11:00 – 11:30</b>	<b>Tea/Coffee break</b>	
<b>Session 3</b> 11:30 - 13:00	<b>EIA Screening</b> <ul style="list-style-type: none"> <li>• Introduction / Process</li> <li>• Preliminary examination</li> <li>• Screening</li> <li>• Assessment &amp; Determination</li> </ul> <b>Practical Examples</b> <ul style="list-style-type: none"> <li>• Case Studies</li> </ul>	<b>Aislinn O’Brien (SLR)</b>  <b>Local Authority Officers</b>
<b>13:00 – 13:30</b>	<b>Breakout and feedback</b>	

<b>13:30 - 14:30</b>	<b>Lunch Break</b>	
<b>Session 4</b> 14:30 – 15:00	<b>Environmental Report</b> <ul style="list-style-type: none"> <li>• What is an EIA</li> <li>• How the report is prepared.</li> <li>• Requirements and Competency</li> <li>• Examination of Environmental Impacts</li> <li>• Emerging Best Practice</li> </ul> <b>Environmental Report</b> <ul style="list-style-type: none"> <li>• Case Studies</li> </ul>	<b>Aislinn O’Brien (SLR)</b>  <b>Local Authority Officers</b>
<b>15:00 - 15:30</b>	<b>Breakout and Feedback</b>	
<b>15:30 - 15:45</b>	<b>Tea/Coffee Break</b>	
<b>Session 5</b> 15:45 – 16:30	<b>Sources of Information &amp; GIS Tools</b> <b>EIA Evaluation &amp; Monitoring</b> <ul style="list-style-type: none"> <li>• Role of the Local Authority</li> <li>• Process and Administration</li> <li>• Practice Notes</li> <li>• Legal requirements</li> </ul>	<b>Marie Ryan (Tipperary County Council)</b>
<b>16:00 - 16:30</b>	<b>Breakout and feedback</b>	
16:30 - 17:00	<b>Wrap Up</b> <ul style="list-style-type: none"> <li>• Discussion</li> </ul>	<b>Nuala O’Connell</b>

# Day 5 Appropriate Assessment

Day 5: Appropriate Assessment		
<b>Session 1</b> 9:30 - 10:30	<b>Introduction to Appropriate Assessment</b> AA - How it came about Legislation (Acts and Regulations) Guidance – Departmental, EU AA of projects AA of plans	<b>Bernadette Guest</b> <b>Paul Scott (DHLGH)</b>
<b>10:30 – 11:00</b>	<b>Breakout and feedback</b>	
<b>11:00 – 11:15</b>	<b>Tea/Coffee break</b>	
<b>Session 2</b> 11:15 -12:15	<b>AA in Practice</b> Screening – when is AA needed? Natura Impact Statements	<b>Bridget Loughlin</b> (Kildare County Council)
<b>12:15 – 12:30</b>	<b>Breakout and feedback</b>	
<b>Session 3</b> 12:30 – 13:30	<b>AA in Practice</b> Direct effects Indirect effects Cumulative effects	<b>Owen O’Keeffe</b> (Roughan & O’Donovan)
<b>13:30 – 13:45</b>	<b>Breakout and feedback</b>	
<b>13:45 – 14:30</b>	<b>Lunch break</b>	
<b>Session 4</b> 14:30 - 15:15	<b>AA in practice</b> Case studies of real examples	<b>Bridget Loughlin</b> <b>Owen O’Keeffe</b>
<b>15:15 – 15:45</b>	<b>Breakout and feedback</b>	
15:45 - 16:30	Wrap up <ul style="list-style-type: none"> <li>• Discussion</li> <li>• Assignment 2</li> </ul>	<b>Bernadette Guest</b>

# Day 6 / Day 7

Day 6 – (1/2 day on-line)		
9:00 – 9:30	Facilitator	<b>Catherine McConnell</b> (Mayo Co Co)
9:30 – 10:45	Legal expert on the legislation – 1	<b>Alice Whittaker</b> (Philip Lee)
<b>10:45 – 11:00</b>	<b>Tea/Coffee break</b>	
11:00 - 12:15	Legal expert on the legislation – 2	<b>Alice Whittaker</b>
12:15 – 13:00	Q & A	

Day 7 – (1/2 day on-line)		
9:00 – 9:30	Facilitator	<b>Marie Ryan</b> (Tipperary County Council)
9:30 -10:30	Report writing	<b>Gina Noonan</b> (IT Carlow)
10:30 – 11:00	Guest/motivational speaker	<b>TBC</b>
	Feedback on Assignment 1	<b>Donal Daly, Nuala O’Connell, Bernadette Guest</b>
	Set scenario for assignment 2	
<b>11:00 – 11:15</b>	<b>Tea/Coffee break</b>	
<b>11:15 – 12:30</b>	<b>Breakout and Feedback</b>	
12:30 – 13:00	Summary and wrap-up	<b>Donal Daly</b>

# Extended Campus

## Student resources

Student Card

Student email / personal email

Blackboard

- <https://www.itcarlow.ie>
- Notes / slides
- Assessments / submissions
- Virtual Classroom
- Teaching & Learning

Online library

TLC

IT Services

Academic Calendar

Student Services

Counselling Services

Campus Facilities

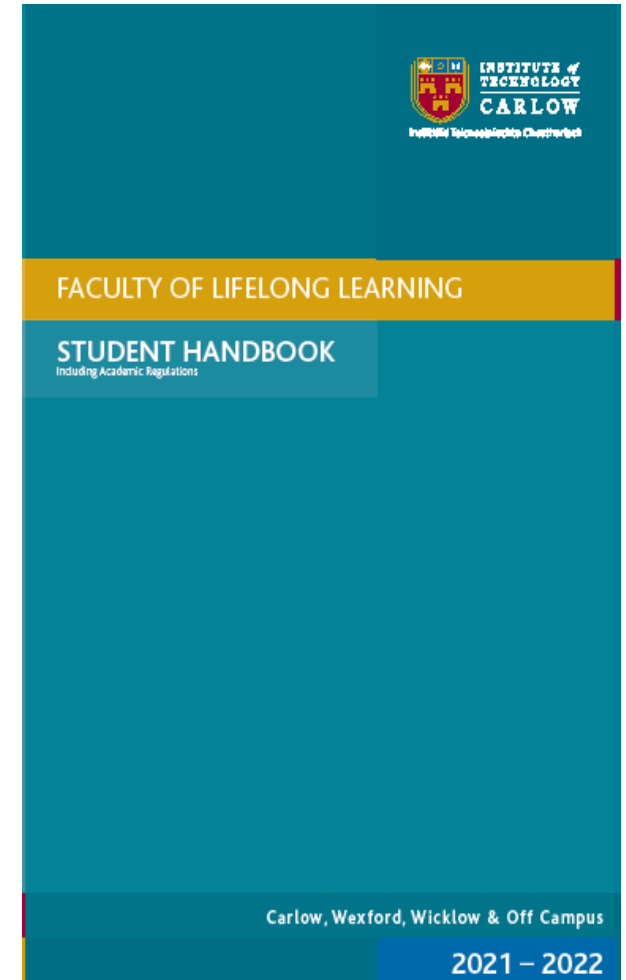
Students' Union

Academic Supports

Academic Policies and Regulations

Health and Safety

Institute Policies



- International Panel Visit occurred in July
- Response from the HEA/Minister imminent
- Designation Day – Early 2022

# TUSEI

TECHNOLOGICAL UNIVERSITY SOUTH EAST IRELAND

DISCOVER



Waterford Institute of Technology  
INSTITIÚID TEICNEOLAÍOCHTA PHORT LÁIRGE



INSTITUTE of TECHNOLOGY CARLOW  
Institiúid Teicneolaíochta Cheatharlach

