

ENERGY COAST UTC

EMPLOYABILITY CURRICULUM INTENT PLAN

2022/2023

Year 10

Curriculum intent statement

Employability at the UTC is truly embedded across the curriculum. These additional sessions each week will provide the platform our students need to embolden their aspirations and prepare them for a competitive job market, making sure they reach their potential and beyond.

We endeavour to give students every opportunity to experience all different work places and engineering sectors. Students who have a vision of their future self are able to match their education to the prospects of their chosen career.

We prepare students for the job market through real life scenarios and engaging employer opportunities. We use employer led projects so that students experience the real world of working and so that they can hear directly from the employers who will interview them in the future.

Our employability skills are second nature to the students as we take the time to embed them in all different types of scenarios. We equip the students with examples and experiences they can take forward to applications and interviews of the future.

AUTUMN TERM

Week	Year 10 Teaching Focus	Knowledge recall/ links to prior learning	Assessment	Engineering, employability and careers links	PSHE+C links
1	What is a workplace? How can you be more employable? What are the standards of a workplace?	Recalling definitions of key words Understanding of the future of the job market.	Peer and self-assessment: knowledge and key terminology LAB – Skills audit throughout the first term and key piece assignment.	Engineering careers and future employment opportunity.	Work related learning
2	Being resilient in the workplace and the classroom.	Understanding of the competition in future job markets. Showing resilience in all areas of life.	Peer and self-assessment: knowledge and key terminology	Engineering careers and future employment opportunity.	Work related learning
3	Being Independent in the workplace and the classroom	Understanding of the competition in future job markets. Showing Independence in all areas of life.	Quick quiz review week of key employability skills. LAB – Skills audit throughout the first term and key piece assignment.	Engineering careers and future employment opportunity. Assess your work readiness.	Work related learning
4	Being a good communicator podcast (Optimise Risk) Curricular link – English	Recalling definitions of key words – Ambitious Showing Ambitious in all areas of life.	Peer and self-assessment: knowledge and key terminology	Engineering careers and future employment opportunity. Interview technique and aspirations.	Emotional health and well being

5	Being good with numbers (Armstrong Watson) Curricular link – Maths	Recalling definitions of key words – Communication, verbal, written, quick text. Showing good communication in all areas of life.	LAB – Skills audit throughout the first term and key piece assignment. Introduction to a skills audit in this session	Engineering careers and future employment opportunity.	Financial capability
6	Be a leader Project (Sellafield Civils HQ project)	Understanding how maths can help you with the future job markets. Showing Leadership in all areas of life to ensure you are a socially responsible citizen.	LAB – Skills audit throughout the first term and key piece assignment. Introduction to a skills audit in this session. Resilience Key word – Where have you shown resilience this week? (Reflection)	Engineering careers and future employment opportunity.	Financial capability Enterprise Education
7	Build a team, Job roles and skills audit in the team. (Sellafield Civils HQ)	Understanding how teamwork can help you with the future job markets. Showing teamwork in all areas of life to ensure you are a socially responsible citizen.	LAB – Skills audit throughout the first term and key piece assignment. Introduction to a skills audit in this session. Ambition Key word – Where have you shown Ambition this week? (Reflection)	Engineering careers and future employment opportunity. Work in teams Linking with others strengths and weaknesses.	Strengths and weaknesses of your future self. Enterprise Education
8	Design, Risk and Finance (Sellafield Civils HQ)	Showing teamwork in all areas of life to ensure you are a socially responsible citizen.	Presentation Design work review by students. Leadership – key word response. How has the	Engineering careers and future employment opportunity.	Enterprise Education

			project manager showed leadership today.		
9	Model the build, Maintenance and sustainability (Sellafield Civils HQ) Curricular Link – Construction	Working to complete a project in a team. Showing teamwork in all areas of life to ensure you are a socially responsible citizen.	Peer and self-assessment: knowledge and key terminology Presentation Last week, last month, previous knowledge retention session.	Engineering careers and future employment opportunity.	Enterprise Education Work related learning.
10	Model the build, Maintenance and sustainability (Sellafield Civils HQ) Curricular Link – Construction	Recalling definitions of key words – verbal, written, quick text. Working to complete a project in a team.	Peer and self-assessment: knowledge and key terminology Presentation Last week, last month, previous knowledge retention session.	Engineering careers and future employment opportunity. Working in a team	Enterprise Education Work related learning.
11	Presentation Preparation and After care Key Piece preparation	Think back to employability skills – how will you show this in your presentation.	Peer and self-assessment: knowledge and key terminology (Key Piece) Presentation creation	Engineering careers and future employment opportunity.	Presentation skills. Body language and dress.
12	Presentation Preparation and practice. Key Piece completion.	Think back to employability skills – how will you show this in your presentation.	Peer and self-assessment: knowledge and key terminology (Key Piece) Presentation creation	Engineering careers and future employment opportunity.	Changing relationships Cooperating with each other.

					Looking after the environment.
13	Be a reflective students and employee.	Reflection of employability skills and challenges that have been caught up in the previous weeks.	Peer and self-assessment: knowledge and key terminology Verbal feedback and rankings of employability skills.	Engineering careers and future employment opportunity.	Taking responsibility for your employment.
14	Unit 1 Hand out – Assignment 1	Skills audit – where are the gaps.	Assignment 1 of the BTEC qualification.	Engineering careers and future employment opportunity.	Decision making.

Spring					
Week	Year 10 Teaching Focus	Knowledge recall/ links to prior learning	Assessment	Engineering, employability and careers links	PSHE+C links
1	Job adverts and Apprenticeship pathways. Pathway structure and good exit.	Recalling definitions of key words What are the purposes of a job advert – structure of the	Peer and self-assessment: knowledge and key terminology LAB – Skills audit throughout the first term and key piece assignment.	Engineering careers and future employment opportunity.	Work related learning
2	Letter of Applications and CV Writing (Assignment 1 hand in) Starting to create the information.	CV and structure work. How many pages? What information? How do you apply for a job role? Where is your good exit? Repeat this throughout the block.	Peer and self-assessment: knowledge and key terminology 30358 COMPILING A COMPUTERISED CURRICULUM VITAE	Engineering careers and future employment opportunity. Structure of CV for future employment.	Work related learning Applying for positions.

3	Letter of Applications and CV Writing Produce your work portfolio pack.	Applications and CV's? What is the difference? How do we know what the structure should be?	Quick quiz review week of as CV and structure of CV writing. 30358 COMPILING A COMPUTERISED CURRICULUM VITAE	Engineering careers and future employment opportunity. Assessment of your pathway – career pathway map.	Work related learning Ambition for your future career.
4	Preparation for Interview – the good, the bad and the ugly. West lakes recruitment Interview technique and first impressions.	Recall from autumn, what are the employability skills.	Peer and self-assessment: knowledge and key terminology	Engineering careers and future employment opportunity. Interview technique and aspirations. How making a good impression count.	Preparation for future careers and links. Socially good citizen
5	Preparation for interview – The questions and scenarios. Job scenarios and question creation.	Recalling definitions of key words – Communication, verbal, written, quick text. Showing good communication in all areas of life.	Recording of session – students' feedback on their own interview style.	Engineering careers and future employment opportunity. How is the	Socially good citizen. preparation for your future career.
6	Mock Interviews with Inspira this week.	What is it to be reflective – use the employability session to make sure students reflect on their interview process?	LAB – Skills audit throughout the first term and key piece assignment. Introduction to a skills audit in this session. Reflection Key word – Where have you shown reflection this week?	Engineering careers and future employment opportunity.	Financial capability Enterprise Education

7	Assignment 1 preparation Unit 2. (Hand in date 10 th March) Key piece.	Reflection and demonstration of interview techniques.	Updated skills audit to reflect on the interview programme. What are your next ambitions? How do you know if you have been successful? Will your career follow the same path.	Engineering careers and future employment opportunity. Linking with others strengths and weaknesses.	Strengths and weaknesses of your future self.
8	Team formation and initial design work - REACT Engineering transporter production (Science Curriculum Link) Transfer of nuclear waste – safely and what structures.		Presentation Design work review by students. Leadership – key word response. Who will be the leader? Why? Reflect on the last section of learning.	Engineering careers and future employment opportunity. Nuclear energy and transport logistics.	Enterprise Education The world around us.
9	Final Design and build - REACT Engineering transporter production Model and build programme. Structural tests.	Working to complete a project in a team. Showing teamwork in all areas of life to ensure you are a socially responsible citizen.	Peer and self-assessment: knowledge and key terminology Presentation Last week, last month, previous knowledge retention session.	Engineering careers and future employment opportunity. Modelling to show good understanding and testing	Enterprise Education Work related learning. Working as part of a team problem solving
10	Testing and review - REACT Engineering transporter production Review the activity.	Recalling definitions of key words – verbal, written, quick text. Working to complete a project in a team.	Peer and self-assessment: knowledge and key terminology Presentation	Engineering careers and future employment opportunity. Working in a team Reflective learners	Enterprise Education Work related learning. Applying for jobs.

			Last week, last month, previous knowledge retention session.		
11	How to be an employee on work experience. (Mission CX preparation work) Body language; dress attire; work experience standards of behaviour.	Think back to employability skills – What are you going to show at work experience next week. .	Peer and self-assessment: knowledge and key terminology	Engineering careers and future employment opportunity. How to be a responsible employee?	Presentation skills. Body language and dress.
12	WORK EXPERIENCE WEEK				

Summer Term					
Week	Year 10 Teaching Focus	Knowledge recall/ links to prior learning	Assessment	Engineering, employability and careers links	PSHE+C links
1	What have you learnt from work experience? Key piece. Reflection on progress made What would you do differently? Why?	Recalling definitions of key words The role of reflection with employment opportunities and structures.	Peer and self-assessment: knowledge and key terminology 30330 EMPLOYABILITY SKILLS: SELF-MANAGEMENT	Engineering careers and future employment opportunity. Reflection on future pathway activity.	Work related learning Socially responsible
2	Wellbeing and the workplace Mindfulness Coping strategies	Understanding of the competition in future job markets. Showing resilience in all areas of life.	Peer and self-assessment: knowledge and key terminology	Engineering careers and future employment opportunity.	Wellbeing and structure. Socially responsible.

3	Team formation and initial design - Shepleys Tower Project. (Engineering curriculum link) CAD/AutoCAD	Understanding of the competition in future job markets. Showing Independence in all areas of life.	LAB – Skills audit throughout the first term and key piece assignment.	Engineering careers and future employment opportunity. Assess your work readiness. CAD/AutoCAD structure and design. ICT links with design	Work related learning ICT and structure.
4	Final design and tower build - Shepleys Tower Project. Construction and build.	Recalling definitions of key words – Ambitious Showing Ambitious in all areas of life.	Peer and self-assessment: knowledge and key terminology	Engineering careers and future employment opportunity. Interview technique and aspirations.	Emotional health and well being
5	Presentation and review of Tower – Shepley's tower build. Key piece. Construction reflection – what went wrong and why.	Recalling definitions of key words – Communication, verbal, written, quick text. Showing good communication in all areas of life.	30330 EMPLOYABILITY SKILLS: SELF-MANAGEMENT	Engineering careers and future employment opportunity.	Financial capability
6	Enterprise and Entrepreneurship (Entrepreneur (Business Curriculum link))	Understanding how maths can help you with the future job markets. Showing Leadership in all areas of life to ensure you are a socially responsible citizen.	13263 RESEARCHING AN INDIVIDUAL WORKPLACE OR BUSINESS Ambition Key word – Where have you shown ambition this week?	Engineering careers and future employment opportunity. Why is entrepreneurship linked with Engineering?	Financial capability Enterprise Education Critical of the local area
7	Pick your entrepreneur How do you become an entrepreneur? Luck or manufactured.	Understanding how teamwork can help you with the future job markets.	LAB – Skills audit throughout the first term and key piece assignment.	Engineering careers and future employment opportunity. Work in teams Linking with others strengths and weaknesses.	Strengths and weaknesses of your future self.

		Showing teamwork in all areas of life to ensure you are a socially responsible citizen.	Introduction to a skills audit in this session. Resilience Key word – Where have you shown Ambition this week? (Reflection)		Enterprise Education Make informed career choices.
8	Team formation and planning your enterprise	Showing teamwork in all areas of life to ensure you are a socially responsible citizen.	Presentation Design work review by students. Leadership – key word response. How has the project manager showed leadership today.	Engineering careers and future employment opportunity.	Enterprise Education
9	MOCK EXAM WEEK				
10	Team formation and planning your enterprise	Recalling definitions of key words – verbal, written, quick text. Working to complete a project in a team.	Peer and self-assessment: knowledge and key terminology Presentation Last week, last month, previous knowledge retention session.	Engineering careers and future employment opportunity. Working in a team	Enterprise Education Work related learning.

11	Enterprise Carousel (Invite employers into the session to purchase items) - Key piece.	Confidence and performance.	How do we present ourselves, making us employable.	Engineering careers and future employment opportunity.	Relationships, behaviour and practice in the workplace.
12	Review your employability (Assignment 1)	Think back to employability skills – how will you show this in your presentation.	Peer and self-assessment: knowledge and key terminology	Engineering careers and future employment opportunity. Pathway and your future career.	Making informed career choices. Personal finance.