

WEA Course information sheet 2020-21



**Adult Learning
Within Reach**

Course title: Steganography		Course ID: C3678440
Start date: 06/11/2020	End date: 11/12/2020	Day(s)/time(s): Fri 09:30
Number of sessions: 6	Hours per session: 1.5	Tutor: Gill Smith
Additional hours:	Online Learning Hours: 0	
Specific funder/partner requirements:		
Awarding body (if any): Title of qualification to be gained:		Level:
Fee: £28.80 or Free if you are in receipt of an income related benefit (only SFA funded) Accreditation Fee (if applicable):		
Venue: Online Learning, Online, ZZ99 9ZZ		
Theme(s): The WEA has four themes it uses for planning its provision. Employability – helping students to get a job or to make progress in their employment Health and Wellbeing – making a positive contribution to their own or others health and wellbeing Community Engagement – encouraging students to be positively involved in their communities Culture – learning about diverse cultures, identities and environments		
The Theme(s) used in planning your course is/ are: <ol style="list-style-type: none"> Health and Wellbeing 		

Course Aim

This course is an introduction to Steganography. You will find out what is and how it has been used from the past to the present. You will be encouraged to experiment with a range of different physical and electronic steganographic techniques.

Course Description

Steganography is the practice of concealing a message in another medium. In this technique the message is encoded and hidden within a carrying medium such as digital imagery, sound files or physical objects like printed matter or crafted items. This course will look at encoding and encryption, what they are, how they operate and examine the differences between them. You will find out about the history of steganography, look at some instances of its use and perhaps "bust some myths" in the process. You will be guided through some techniques for coding information and have the opportunity to practice encoding your own messages. The tutor will demonstrate some different ways of incorporating and concealing code within different carrying media and show you how you can do this yourself using physical "pen and paper" techniques as well as computer programmes.

Do I need any particular skills or experience?

What will I achieve?

By the end of the course I will be able to:

1. Demonstrate an understanding of the difference between encoding and encrypting.
2. Describe some instances where steganography has been used to hide a message
3. Understand how to encode a message using a binary system such as Morse code.
4. Use some simple techniques to conceal a coded message within a carrying medium

What teaching methods will be used and will there be work outside of the class?

- The WEA's digital learning platform, Canvas will be used to provide resources or to support lessons, enable assessment, provide learner feedback and for other activities for individuals away from the course. If you want to understand more about our digital learning platform please visit: <http://bit.ly/WEAonline>
- The WEA tutor will use a range of different teaching and learning methods and encourage you and the group to be actively involved in your learning
- You may be asked to undertake additional work in your own time to support your learning

What kind of feedback can I expect from the tutor?

- You will be able to keep a record of your progress and achievement using photos, audio, text or documents uploaded into the WEA's digital learning platform, WEA Canvas.
- Your tutor will provide written, text and audio feedback recorded in WEA Canvas, WEA's digital learning platform.
- You will be able to keep a digital portfolio of your work on WEA's digital learning platform, Canvas.
- A range of informal activities will be used by the tutor to see what you are learning which may include quizzes, question and answer, small projects and discussion
- You will have opportunities to discuss your progress with your tutor
- You will be encouraged to share your work with the group and discuss your learning
- You will be encouraged to consider other students work and give your opinions and suggestions
- A file of work will be kept which will help to record your progress
- There will be a number of tasks appropriate to your course such as written work, creating art or craft, video, photography or small projects. Some of these may be marked to help you progress

What else do I need to know? Is there anything I need to bring?

- What you need: You will need an internet connection, speakers, a microphone and a webcam so that you can use our video learning platform, Zoom. If you'd like to understand more Zoom please visit: <http://bit.ly/ZoomSpec>
- You will also need access to the internet outside of your sessions. You could do this using a smart phone, tablet, laptop or a desktop computer (at home or through a library etc.).
- You will need a personal email address to join the WEA's digital learning platform, Canvas so that you can receive resources, record your progress and achievement and to work with others and share ideas. If you want to understand more about our digital learning platform please visit: <http://bit.ly/WEAonline>
- It would be helpful if you had access to the internet (Mobile phone, tablet or computer at home or through a library etc.)

Pre-course work, reading and information sources

- No pre reading or pre course work is required

Possible next steps after this course (including career opportunities if appropriate)

- Progress to another WEA course
- Become involved with the WEA in a range of voluntary work and other activities including campaigning as a WEA member
- Access the WEA What Next? booklet here <http://www.wea.org.uk/learn-wea/what-can-i-do-next>

Learning with the WEA

WEA courses increasingly make use of the rich variety of educational tools and material available on the internet and from digital devices. The WEA's digital learning platform, Canvas will play an increasing role in all WEA courses to provide resources or support, or to conduct lessons, enable assessment, provide learner feedback and for other activities for individuals away from the course. It is helpful, although not essential if you have access to a computer or smartphone to support your course.

You can read about your entitlements and responsibilities as a WEA student in our leaflet, Student Handbook here <http://www.wea.org.uk/learn-wea/student-support> This includes information on fees, learning support and financial support. As part of your course you accept our Learning Agreement and Privacy Notice. Full details of the Learning Agreement and privacy notice can be found on our website at <http://www.wea.org.uk/policies>. This applies to all courses you take in this academic year.

You can enrol online for most courses <http://www.wea.org.uk/learn-wea/course-search> or contact: WEA Support Services, Suite 10B Joseph's Well, Hanover Way, Leeds, West Yorkshire, LS3 1AB Tel: 0300 303 3464 Email: courseenquiries@wea.org.uk



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