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| **Minor Award Name** | eBusiness Studies |
| **Minor Award Code** | 5N13689 |
| **Level** | 5 |

**Suggested resources to support delivery:**

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| **Theme/Topic** | **Type** | **Relevance** | **Author/Source** | **Web Link** |
| **Communication Protocols** | Online Document | Essential reading- In order for computers to communicate with one another, standard methods of information transfer and processing have been devised. These are referred to as "protocols" and some of the more common ones such as TCP, IP, UDP, POP, SMTP, HTTP, and FTP are discussed here. | The Windows Learning Centre | <http://vlaurie.com/computers2/Articles/protocol.htm> |
| **Data Transmission** | Website | Essential reading- How data is received and transmitted over the internet | Janalta interactive 2015 | <https://www.techopedia.com/definition/9756/data-transmission> |
| **Client/Server Architecture** | Website | Gives a brief outline on the concept and also provides external links to explanation of other terms | IT Business edge | <http://www.webopedia.com/TERM/C/client_server_architecture.html> |
| **Delivery Platforms** | Online Document | Gives an in-depth account of the considerable work in defining an architectural framework that supports multimedia service delivery. The IP multimedia subsystem (IMS) is a recent standards initiative that outlines a service delivery platform (SDP) architecture. | Christopher J. Pavlovski, IBM | <http://signallake.com/innovation/pavlovski.pdf> |
| **Electronic Data Interchange (EDI)** | Document | A word document with condensed points on EDI that could be developed further with the class | Wiki-spaces notes for students | <https://ict-patana.wikispaces.com/file/view/EDI_Notes_for_students.doc> |
| **Evolution of E-business** | Online Document | A detailed document describing the evolution of E-business and how a e-business can reach that maturity stage | IBM Global services | <http://www-935.ibm.com/services/us/bcrs/pdf/wp_e-business-evolution.pdf> |
| **Internet as a Global Communication Network** | Book | With the advent of the World Wide Web the global Internet has rapidly become the dominant type of computer network. It now enables people around the world to use the Web for E-Commerce and interactive entertainment applications, in addition to e-mail and IP telephony. As a result, the study of computer networking is now synonymous with the study of the Internet and its applications | Author: Fred Halsall  Published by: Addison-Wesley | <http://www.amazon.com/gp/search?index=books&linkCode=qs&keywords=9780321263582> |
| **Network Security** | Internet Document | A general definition of network security but has some great links on the page to external resources | University of Florida Department of Electrical and Computer Engineering | <http://web.mit.edu/~bdaya/www/Network%20Security.pdf> |
| **Security Protocols** | Website | The document outlines different communication protocols that relate to web and network communications. It also has clear graphics of how each protocols operate | Green hills Networking | <http://www.ghs.com/products/comm_security.html> |
| **Networks and Data** | PowerPoint slideshow | This give a great introduction into networks and data, which deals with different security techniques. It also covers TCP/IP ports for networks and server applications | Zafar Ayub | <http://www.slideshare.net/zafar_ayub/data-communication-and-network-11903853> |
| **eBusiness Applications** | Book Extract | A short extract from a book that details the pros and cons of marketing in an e-business | Author: Mobile Applications and Knowledge Advancements in E-Business. Published By: Business Science Reference Pennsylvania | <https://books.google.ie/books?id=enbHN0ch1NQC&pg=PA290&dq=e+business+applications+marketing+advertising+payments&hl=en&sa=X&ved=0CCkQ6AEwAGoVChMIruzFzK7nyAIVxqYOCh1zTAh4> |
| **eBusiness Applications( CTD)** | PowerPoint Slideshow | A PowerPoint covering, purchasing, procurement and various payment applications | Ramakrishna Kongalla | <http://www.slideshare.net/artistramakrishna/online-marketing-ebusiness> |
| **Legal, Social and Economic impact of eBusiness** | Website | An Irish which covers the legal, social and economic impacts on eBusiness and also describes how to set up an eBusiness | Local Enterprise Office Dublin City | <https://www.localenterprise.ie/DublinCity/Start-or-Grow-your-Business/Knowledge-Centre/eBusiness/eBusiness-Legal-Considerations/> |
| **Locating Business Information Resource’s** | E-Book | The Basic Business Library is a modern sourcebook of core resources for the business library and the business information consumers and researchers it serves. This up-to-date guide also discusses strategies for acquiring and building the business collection in a Web 2.0/3.0 world and recommended approaches to providing reference service for business research. This text includes numerous real-world examples that cover market research, investment, economics, management and marketing | Authors: Eric Forte, Michael R. Oppenheim. Published By :Libraries Unlimited | <https://books.google.ie/books?id=Z1ZQnVCJSjwC&pg=PA1&lpg=PA1&dq=how+to+locate+business+information+resources&source=bl&ots=-w5Iet36IP&sig=Bfq5A-QwAFQQCjs1OzMe5zqbU2Y&hl=en&sa=X&ved=0CFgQ6AEwBTgKahUKEwjpmJe4tefIAhXFdA8KHf22B4w> |
| **Components of Online shop** | Website | Describes the components needed to operate a successful online store | Mike Dragan | <http://netonomy.net/2013/10/16/most-important-components-ecommerce-stores-ignored/> |
| **File Transfer Protocol** | PowerPoint Slideshow | Explains file transfer protocol and its uses | Marie Cort | <http://www.slideshare.net/Cort1026/file-transfer-protocol-ftp> |
| **eBusiness Strategy for Business** | Website | How to apply an eBusiness strategy to an existing organisation or process | Local Enterprise Office Dublin City | <https://www.localenterprise.ie/DublinCity/Start-or-Grow-your-Business/Knowledge-Centre/eBusiness/Formulating-an-IT-E-Business-Strategy/> |
| **Cloud Computing** | Blog | This blog discusses how a business is using cloud computing to create an enhanced service. | Author: Val King | <http://www.whitehatvirtual.com/blog/bid/340689/6-Reasons-Why-Companies-Should-Use-Cloud-Computing> |
| **Online Payment Solutions** | Online Journal | This piece in the journal talks about the relatively easy ways to collect payment for goods and services from anywhere in the world via payment service providers. With so many online payment solutions out there, though, which ones can you trust for that all important credit card, bank transfer, or real-time orders | Author: Albert Costill | <http://www.searchenginejournal.com/the-10-most-popular-online-payment-solutions/> |
| **Security in the eBusiness Process** | Online Document | This document describes the essential resources to endure security processes such as   * Process of payment * Marketing efforts * Customer support * Supplier support | Author: Konstantin Knorr & Susanne Röhrig | <http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.17.4152&rep=rep1&type=pdf> |
| **Online Purchasing** | Website | This article looks at how shopping online is as popular as ever. Retailers of all types are expanding product offerings, adding in-store pickup, free shipping and experimenting with social media. It’s getting harder to tell pure play Internet retailers from the bricks and mortar shops with online portals, and all of them are reinventing how we’ll shop online in the future | Author: Laura Heller | <http://www.forbes.com/sites/lauraheller/2011/04/20/the-future-of-online-shopping-10-trends-to-watch/> |
| **Online Procurement**  **overview** | Online Document | This document outlines the different process that a business goes through during procurement | Author: Professor Marcella Corsi | <http://www.oecd.org/mena/governance/36238198.pdf> |
| **Online Procurement** | Website | www.eTenders.gov.ie has been developed as part of the Irish Government's Strategy for the Implementation of eProcurement in the Irish Public Sector. The site is designed to be a central facility for all public sector contracting authorities to advertise procurement opportunities and award notices. | Irish Government | <http://www.etenders.gov.ie/> |

**Useful Organisations:**

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| **Name** | **Contact Information** |
| Local Enterprise Office | <https://www.localenterprise.ie> |
| Enterprise Ireland | <http://www.enterprise-ireland.com/en/> |
| National Council for Curriculum and Assessment (NCCA) | [www.ncca.ie](http://www.ncca.ie) |
| Quality and Qualifications Ireland (QQI) | [www.qqi.ie](http://www.qqi.ie) |
| Further Education Support Service (FESS) | [www.fess.ie](http://www.fess.ie) |
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| **MOOCs (Massive Online Open Courses)** | |
| Free access to online courses  Search regularly for new courses and new start dates | <https://www.mooc-list.com/>  <http://www.cmit.ie/>  [www.dbs.ie](http://www.dbs.ie) |