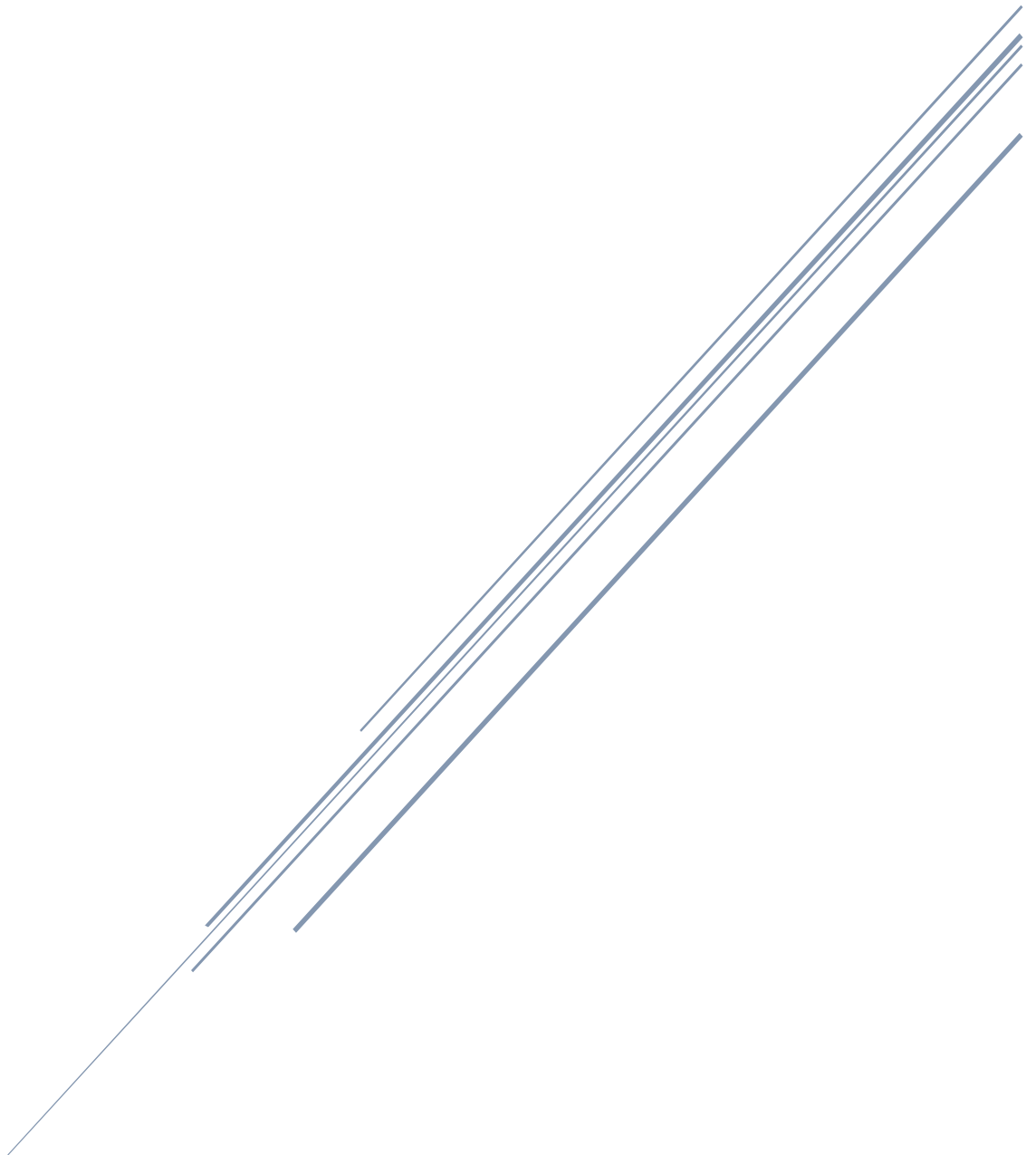


WHY CHOSE CONSTRUCTION?

Finding your place in the construction business going forward...



*University of Wales Saint Trintiy St David
Student - Abigail Davies*

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Introduction

This report will demonstrate an idea of the candidate's reasons for studying the chosen subject, Part Time Building Surveying HNC at the University of Wales, Trinity Saint David at the Swansea Campus. The contender will show their own experience, knowledge and research into favourable subheadings relating to the overall sector to support their report.

The main reason construction or in this case, building surveying was the chosen subject to study this year was because the candidate currently specialises in the property industry local to Neath Port Talbot area. With almost two years' experience which has progressed further, from negotiating to sales progressions. Gaining knowledge and professional experience on how structures of buildings are made and how to identify issues that may occur within the structure of a building is desirable. This can include both, residential and commercial structures.

Upon completion, the candidate will be able to evaluate the research mentioned in the report, provide an in-depth analysis of their personal goals for the future, and completely explain why construction is their area of study.

La Sagrada Familia – Barcelona

Buildings all over the world can have various strengths and structure in many different forms. For example, the La Sagrada Familia in Barcelona is a very well-known building. Known around the world for its unique materials and details used, the Sagrada Familia began building back in the year of 1882. The well known architect, Mr Antoni Gaudi took over the project a year later in 1883 who then also became the project director a year later.

Unfortunately, Gaudi died before seeing the work completed but predicted it would take around 200 years to fully complete. The La Sagrada Familia is regarded to be the tallest church in the world. As the designer was originally considered as an expressionist and a

catholic, there are considerable amounts of art relating to region within this beautifully structured building, which is admired by so many today. This construction is currently ongoing with so much detail and finery included in the internal and external structure. However, as years have gone by more modern materials are used to help restore the original designs (Middleton & Petruzzello, 2023).

The church's construction, which features Gaudi's amazing design, is composed of elements including stone, iron, brick tiles, and ceramics.



Sagrada Familia - by Ken Cheung – Unsplash

[The Empire State Building – New York City, United States of America](#)

The Empire State Building. Known widely across the world for its impressive heights and views over the popular city of Manhattan, New York City, United States.

The Empire State Building is one of the now many steel-framed skyscrapers in this city which consists of an amazing Art Deco design. Having over one hundred floors and surrounding windows enables viewers to catch the astonishing panoramic views of New York City and more from its incredible heights. This building was produced and completed during the years of the Great Depression in America. Reaching a record breaking one year and forty-five days in the year of 1931, this made it the fastest skyscraper to be constructed.

Being one of the tallest buildings in the city today, it was the first building to reach over one hundred floors and was built mainly for commercial purposes and to provide more jobs for people in the city. Since this building was constructed, the popularity has grown more over the years becoming one of the must-see destinations. This building has also been a main attraction for film productions, celebrity hotspot's and is the most photographed building in the world.

Glass, granite, limestone, and steel were some of the many materials used to construct this structure's facade. To this day, the upkeep on this phenomenal landmark ensures that historians and artists work together to make it more sustainable for the future.



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The aims are for the candidate to acquire the professional knowledge and skills necessary to design and evaluate structures that not only minimize their environmental impact, but to also result in significantly lower running costs for the future. They envision a future where buildings seamlessly integrate sustainable elements, which would encourage a more ecologically responsible and economically efficient built environment which could result in a healthy way of living in the future.

Prior to this, these would not have been considered. Utilizing materials like solar panels, repurposed wood, recycled glass, and natural insulation can save energy, cut down on waste, and lessen carbon impact in the future.

Conclusion

In summary, although having very different functions, styles, and cultural backgrounds, the La Sagrada Familia and the Empire State Building are recognizable representations of human creativity and architectural success. Every building conveys a different tale while showcasing the technological innovation and creative vision of its era. After examining their unique characteristics, it is evident that these two landmarks testify to the cultural, historical, and technological influences that influenced their construction in addition to serving as examples of how architectural styles have evolved today.

The candidate is passionate about contributing to a more sustainable future in architecture. Recognizing the pressing need for environmentally conscious practices, they have embarked on a journey to deepen their understanding of how more sustainable building techniques are needed, which will benefit the next generation.

Reference List

Middleton, J and Petruzzello, M. "Sagrada Família". Encyclopedia Britannica, 6 Oct. 2023, <https://www.britannica.com/topic/Sagrada-Familia>. Accessed 2 November 2023.

Discover Walks Blog. *Best Way to Visit Sagrada Familia in Barcelona*. 26 June 2020. <https://www.discoverwalks.com/blog/barcelona/best-way-to-visit-sagrada-familia-in-barcelona> Accessed 15 Nov. 2023.

Yousuf, I. "Empire State Building". Encyclopedia Britannica, 30 Oct. 2023, <https://www.britannica.com/topic/Empire-State-Building>. Accessed 10 November 2023.

Desjardins, J. (2019). *The 100 Tallest Buildings in New York City*. Visual Capitalist, 26 Apr 2019, <https://www.visualcapitalist.com/100-tallest-buildings-in-new-york-city/>. Accessed 30 Oct. 2023.

www.esbnyc.com. (n.d.). *About NYC's Most Famous Building | Empire State Building*. <https://www.esbnyc.com/about#:~:text=Construction%20was%20completed%20in%20a>. Accessed 02 Nov. 2023.

Archive, V.A., Twitter, F. on and feed, G. author R. (2018). *How to spend a night in the Empire State Building*. <https://nypost.com/2018/03/07/how-to-spend-a-night-in-the-empire-state-building/>. Accessed 16 Nov. 2023.