

Field Report

During my semester abroad at the “Indiana Institute of Technology” in Indiana, I gained a lot of new experiences. The focus from August to December was on the researches and investigations for my Bachelor 1 thesis about three-dimensional high-speed filming. Unfortunately, it was not possible to set up the final experiment (no CCD Cameras available), but the supervision in general was satisfactory. My supervisor, Prof. Renie, provided appropriate equipment to perform simple experiments and was always available for any outstanding issues. We discussed the current project status in a weekly appointment in his office, he gave some feedback and made suggestions about further steps for my work. The five courses I attended were: electrical machines, signals and systems, English composition, embedded systems and senior project. The electrical machines lecture was informative, detailed and well organized. Embedded systems was held by Prof. Rumsey, who showed us advanced programming skills for microcontrollers and their peripherals. The Signals and Systems lecture provided different types of signals and their detailed analysis. The topic of my senior project was my bachelor 1 thesis, so I used the scheduled lectures for my research and investigations. In comparison to Austria, the bachelor degree course in the USA is scheduled over eight semesters. Therefore, the course level in general was not as high as in Austria. However, the university itself was a modern research institute including computer and science laboratories equipped with state of the art equipment. It was easy for all international students to meet new people, because a whole week before class begin was scheduled with events for internationals. The effort shown by the Indiana Tech International Office regarding to answer open questions, provide information and support the integration in the undergraduate degree programme was excellent. Overall, I can only recommend fellow students to do a semester abroad at Indiana Tech.

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