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**COURSE SYLLABUS**

**School:** Business  **Campus:** I

**Professor:** Lucas A. Caetano / Fabricio P. Piurcosky

**Subjetct:** Introduction to Programming

**LLABUS**

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| **SUBJECT** | **AREA** | **WORKLOAD (HOURS)** |
| Introduction to Programming | Business | 5 ECT’s |
| **COURSE TOPICS** |
| * Introduction to programming
* Introduction to C++
* Basic input and output
* Primitive data types
* User defined data types
* Control structures (if, if / else, switch)
* Repetition structures (while, for, do / while)
* Functions
* File input and output
* Dynamic memory allocation
 |
| **REFERENCES (TENTATIVE)** |
| * DEITEL, H. M. C++ in the lab. New Jersey: Prentice - Hall, 2003.
* SKANSHOLM, Jan. C++ from the beginning. 2. ed. Addison - Wesley, 2002.
* C++ online reference (http://www.cplusplus.com/doc/tutorial/)
 |
| **REFERENCES (OPTIONAL)** |
| * KNUTH, Donald E. The art of computer programming: volume 1: fundamental algorithms. 3. ed. Boston: Addison - Wesley, c1997. xix, 652 p. ISBN 9780201896831
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