Texas A&M University   **Marketable Skills**

Program:	Computing
Degree:	BA
Department:	Computer Science & Engineering
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Outcome	**Master the depth of knowledge required for a degree**
Marketable Skills	• (1) Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions. • (2) Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements. • (6) Apply computer science theory and software development fundamentals to produce computing-based solutions.

Outcome	**Demonstrate critical thinking**
Marketable Skills	• (1) Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions. • (2) Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements.

Outcome	**Communicate effectively**
Marketable Skills	• (3) Communicate effectively in a variety of professional contexts.

Outcome	**Practice personal and social responsibility**
Marketable Skills	• (4) Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.

Outcome	**Work collaboratively**
Marketable Skills	• (5) Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline. • (1) Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions. • (2) Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements. • (6) Apply computer science theory and software development fundamentals to produce computing-based solutions.

Notes:

• Marketable skills listed with a letters (1)-(6) for this example program were drawn from ABET Criterion 3.