Feedback comment:

Error in Allocation of Core Hours.

The core hours for Algorithmic Strategies is only 2 hours. According to the following details, the core hours for Algorithmic Strategies in CS is 30.

“AL/Algorithmic Strategies [30 CS Core hours, Elective Hours] ...”

How incorporated:

This was a typo in the Core Hours specified in the actual Algorithmic Strategies Knowledge Unit, which has been changed to the correct value of 2.

Date considered: August, 2022

Feedback comment:

The CS hour number in Note 1 should be changed. There are 58 CS hours in total instead of 23+25=48 hours.

“Notes: ● Twenty-three of the CS Core hours in this area intersect with the SFD/Fundamental Data Structures and SDF/Algorithms and Design knowledge unit hours, which are targeted as a first-year experience. The remaining twenty-five hours are targeted for the second year.”

How incorporated:

The mistaken “twenty-five hours” has been updated to the correct “thirty-five” hours value.

Date considered: August, 2022

Feedback comment:

Typo in Note 1: “SFD” should be changed into “SDF”.

How incorporated:

Change to “SDF”

Date considered: August, 2022

Feedback comment:

In “AL/Fundamental Data Structures and Algorithms”, add Bubble Sort concept to the Sorting topics in Fundamental Algorithms. As one of the most basic, easy to understand and commonly used sorting methods for small scale data set, it is necessary to understand bubble sorting algorithm, which can also help students understand other sorting algorithms

How incorporated:

Added Bubble Sort.

Date considered:
Feedback comment:
Move “Linear Programming” in “AL/Fundamental Data Structures and Algorithms” from “KA Core” into “CS Core”.

How incorporated:
Moved

Date considered:

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Feedback comment:
In “AL/Fundamental Data Structures and Algorithms”, add basic Flow Network concepts to the Graph Algorithms topics in Fundamental Algorithms. As an important model of graph theory, the network flow algorithm is widely used in the real world.

How incorporated:
Moved from KA Core to CS Core

Why not incorporated:

Date considered:

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Feedback comment:
In “AL/Fundamental Data Structures and Algorithms”, add Digital fingerprint, Block chain and Bloom filter as typical applications of hash technology related to cyber security.

How incorporated:
Moved from KA Core to CS Core

Why not incorporated:

Date considered:

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Feedback comment:
In “AL/Fundamental Data Structures and Algorithms”, add Huffman Tree algorithm to the Trees topics in Fundamental Algorithms. As a classical model of tree structure, Huffman tree can be applied to many aspects, such as dictionary sorting, dictionary generation and so on. At the same time, Huffman tree principle is not complicated.

How incorporated:
Added

**Why not incorporated:**

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**Date considered:**

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**Feedback comment:**

Move “Linear Programming” in “AL/Fundamental Data Structures and Algorithms” from “KA Core” into “CS Core”.

**How incorporated:**

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**Why not incorporated:**

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**Date considered:**

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