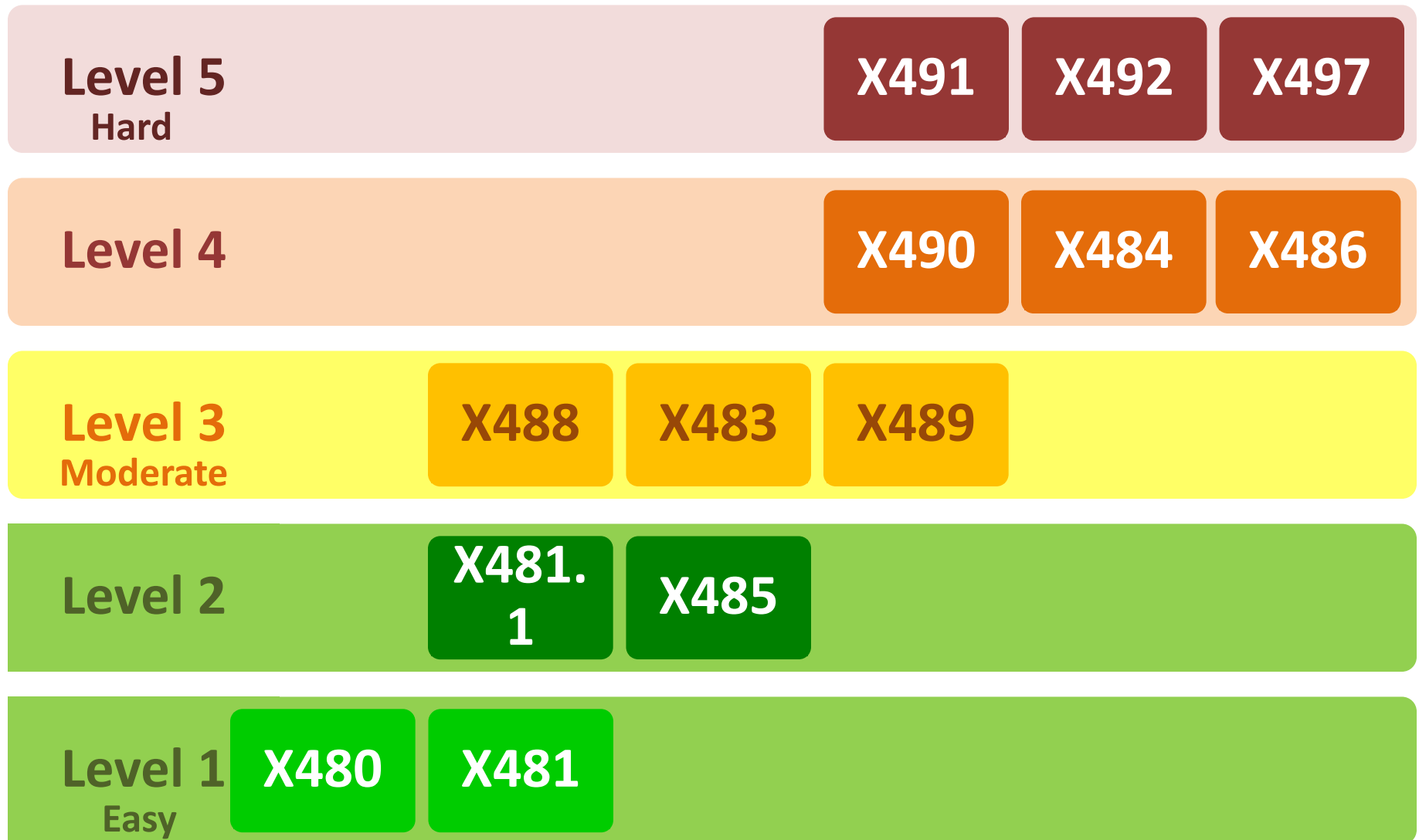


UC Berkeley Semiconductor IC Technology Programs



Professional Sequence in Semiconductor Technology Fundamentals

Level 5
Hard

X491

X492

X497

Level 4

X490

X484

X486

Level 3
Moderate

X488

X483

X489

Level 2

X481.
1

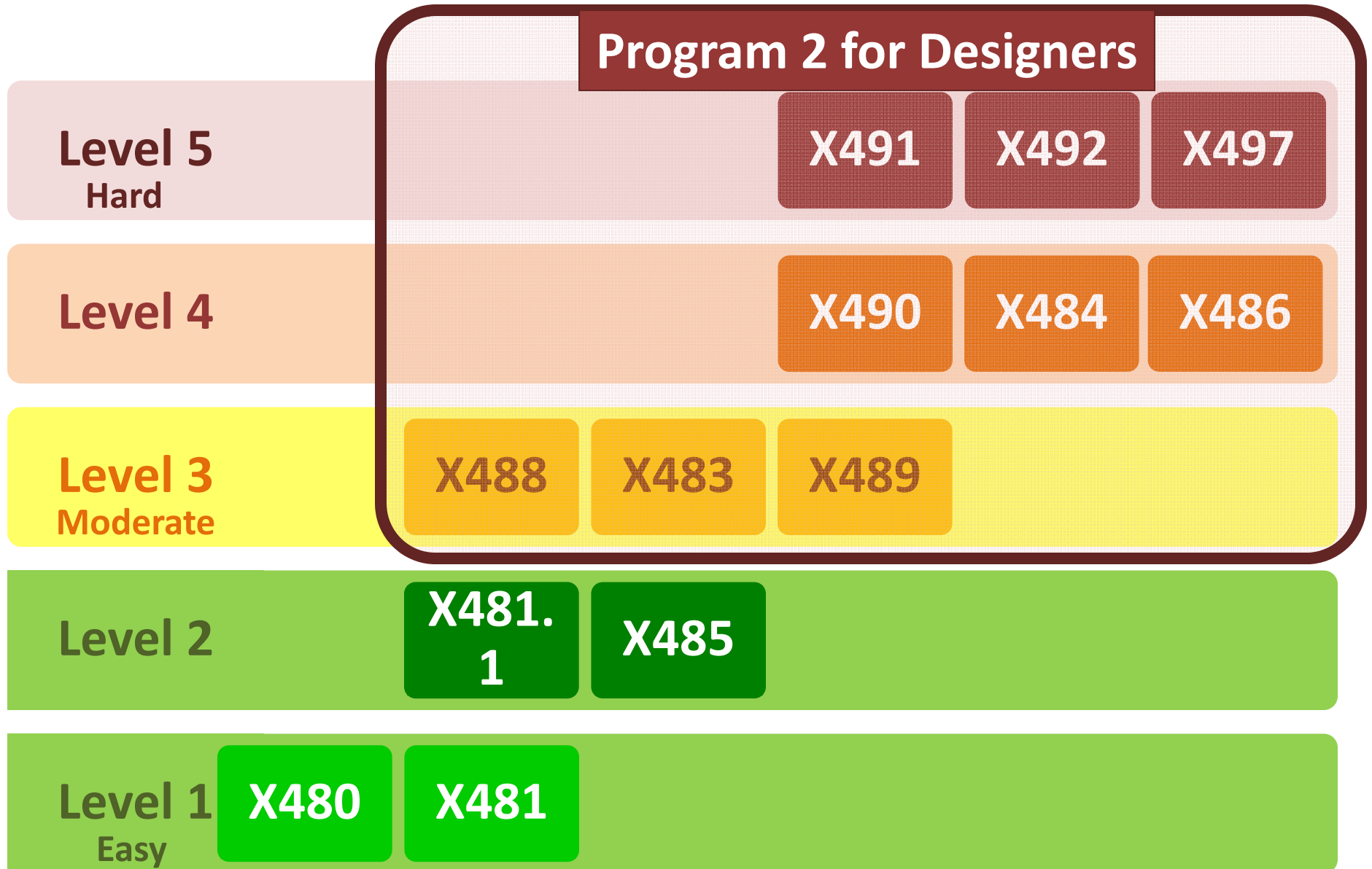
X485

Level 1
Easy

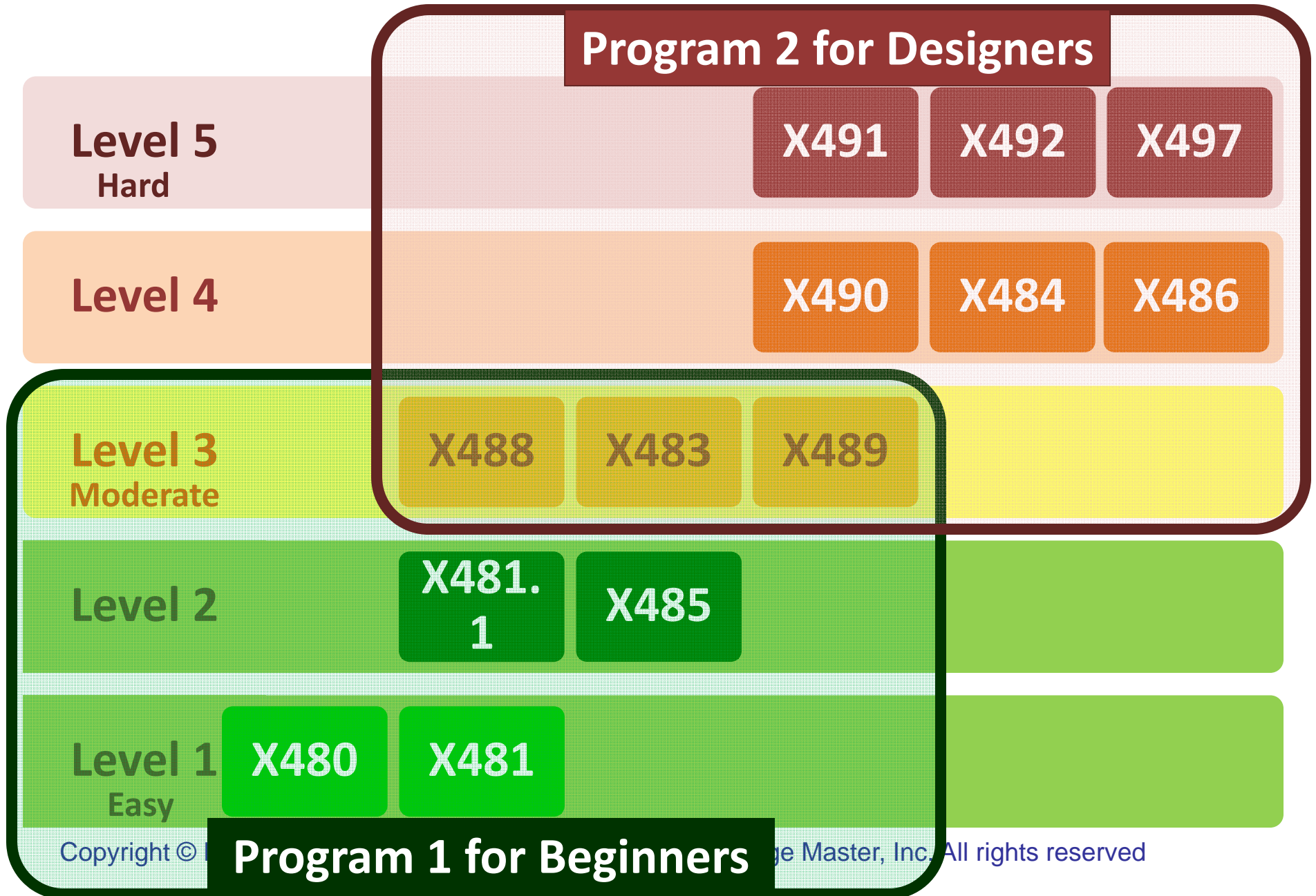
X480

X481

Certificate Program in Semiconductor IC Design



UC Berkeley Semiconductor IC Technology Programs



Popular/Core Courses

Program 2 for Designers

Level 5
Hard

X491

X492

X497

Level 4

X490

X484

X486

Level 3
Moderate

X488

X483

X489

Level 2

X481
.1

X485

Level 1
Easy

X480

X481

Program 1 for Beginners

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Level 1

Intro to Microelectronics, EL
ENG X480 (1 unit)

Intro to Microelectronic
Circuits, EL ENG X481 (1 unit)

Level 2

Intro to Semiconductor Devices,
EL ENG X481.1 (1 unit)

Computer Simulation of
Electronic Circuits, EL ENG X485
(1 unit)

Level 3

Semiconductor Devices for IC Design,
EL ENG X488 (2 units)

Semiconductor IC Amplifiers, EL ENG
X483 (1 unit)

Fundamental Analog ICs, EL ENG
X489 (2 units)

Level 4

IC Filters and Oscillators, EL ENG
X490 (2 units)

Digital ICs, EL ENG X484 (2 units)

Fundamental Mixed-Signal Design,
EL ENG X486 (1 unit)

Level 5

Analog IC Design, EL ENG X491 (2 units)

Capstone Semiconductor IC Design, EL ENG X492 (1 units)

Mixed-Signal Design, EL ENG X497 (1 unit)