

EEL3744: Microprocessor Applications

Class 4 — Tues, 16Jan18

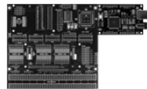


- Today's Handouts:
 - > www: HW 0; **PAST** due (Wed, 10 Jan, 8am)
 - Turn it in **BEFORE** your lab 0, or **no** admittance
 - > www: Lab 0; ends Wed, 17 Jan
 - **Monday labs on Wed, 17 Jan**
 - > www: Lab 1; starts Mon, 22 Jan
 - www: *Atmel Studio 7.0 Installation Tutorial*
 - www: Assembly language: *GCPU to XMEGA*
 - www: *Create & Simulate/Emulate an ASM Project in Atmel Studio*
 - > www: HW 1; due Thur, 25 Jan, 8am
- **Today:**
 - > GCPU review (from 3701), slides 1-...
 - GCPU block diagram and design (in Quartus)
 - > Lecture 3: Atmel XMEGA Architecture, slides 23-...
 - > Lecture 4: Assembly, Simulation, Demos, slides 17-...
 - Run Atmel Studio (*Table_Load_Example.asm*)
 - **LIVE in simulator**
 - **Next time: LIVE on uPAD (emulator)**
 - > Lecture 5: Assembly, Addr Modes, Instructions, slides 1-...
 - > Lab 1 discussion

Questions?

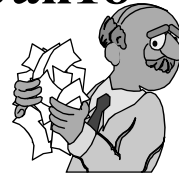
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Class 2-3 — Thur, 11Jan18

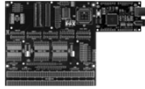


- Today's Handouts:
 - > www: HW 0; **PAST** due (Wed, 10 Jan, 8am)
 - Turn it in **BEFORE** your lab 0, or **no** admittance
 - > www: Lab 0; ends Wed, 17 Jan
 - **Monday labs on Wed, 17 Jan**
- E-mail:
 - > Subject should start with **3744:**
 - > Make sure your name is in the return address
- **Today:**
 - > **Chris and Wes introduction**
 - > Lecture 1: Syllabus, slides 12-...
 - > Lecture 2: Intro to uP, slides 1-...
 - > Lecture 3: Atmel XMEGA Architecture, slides 1-22

Questions?

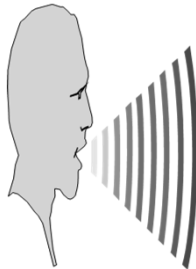
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EEL3744: Microprocessor Applications

Class 1 — Tues, 9Jan18



- Today's Handouts:
 - > www: Syllabus (**R0**)
 - > www: HW 0; due Wed, 10 Jan, 8am
 - > www: Lab 0; starts Wed, 10 Jan
 - **Monday labs on Wed, 17 Jan**
- On web-site:
 - > HW, Labs, Notes, Software/Docs
 - Atmel Manuals, GCPU info,
 - Atmel Studio 7.0 software & install instructions
- If necessary, order your DAD/NAD **ASAP**
- **Today:**
 - > Lecture 1: Syllabus, slides 1-12
 - > Web tour

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