

Architectural Registration Exam Preparatory Classes

2020 ARE PACT / ARE Program Lesson Schedule

Note: The 2020 ARE PACT / ARE Program class schedule below is now open for registration for Project Planning & Design (PPD) and Project Development & Documentation (PDD). All classes are taught pro-bono by volunteer licensed architects and engineers. Dinner is included with all ARE classes, except for classes given only via Zoom.

REGISTRATION FOR ARE CLASSES: Registration is open **ONLY** in un-shaded class schedule below at this time for 2020 and are focused on ARE 5.0 series. Registration is required for each specific ARE class and related session nos. in order to receive copies of the class presentation, quizzes, answers to quizzes, supplementary information and communications from the Architectural Licensing Committee (ALC) for the ARE classes. Note your email address correctly in order to receive session materials and communications. Register online for ARE sessions at the aiasf.org website.

1. Click on the following link for direct ARE class registration: <https://aiasf.org/events/category/are/>
2. Click on the following link for ARE class registration via calendar: <https://aiasf.org/calendar-of-events/>

Contact Roland Lau at arescourse@gmail.com for any questions or Karsen Maruca AIASF, Program Manager at kmaruca@aiasf.org.

Note: Project Planning & Design (PPD) class below is currently **OPEN** for registration.

| Project Planning & Design (PPD, – previously SPD in ARE 4.0) | | | | | Perkins Eastman |
|---|-------------------|----------|---|--|---|
| Monday 6pm - 8pm | | | | | 130 Sutter St., Ste. 600, SF, CA |
| Session | Date | Duration | Titles | Outline | Instructor |
| PPD0 | 7/7/20 Tuesday | 2 hours | Project Planning & Design + Project Development & Documentation (SPD) | Environmental Conditions & Context; Sustainability in site planning, (legal, economic and perceptual influences on site design | Peter Mueller, AIA Roland Lau / Perkins Eastman, AIA |

Note: Project Planning & Design (PPD) & Project Development & Documentation (PDD) below are currently **OPEN** for registration.

| Project Planning & Design (previously SD in ARE 4.0) | | | | | Oblique City / SmithGroup |
|---|--------------------|----------|--------------------------------|---|--|
| Monday 6pm - 8pm | | | | | 130 Sutter St., Ste. 600, SF, CA |
| Session | Date | Duration | Titles | Outline | Instructor |
| PPD2 | 7/14/20 Tuesday | 2 hours | Project Planning & Design (SD) | Environmental Conditions & Context – Schematic Design | Shaum Mehra / Oblique City, RA Dan Hogman / SmithGroup, AIA |

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| PPD + PDD (previously CDS in ARE 4.0) | | | Perkins Eastman / Oblique City / SmithGroup | | |
|---------------------------------------|--------------------|----------|--|--|--|
| Monday 6pm - 8pm | | | 130 Sutter St., Ste. 600, SF, CA | | |
| Session | Date | Duration | Titles | Outline | Instructor |
| PPD1 + PDD1 | 7/21/20 Tuesday | 2 hours | Project Planning & Design + Project Development & Documentation (BDCS) | Project integration of program & systems, construction cost estimating; (Translating design concepts, project costs & budgeting) | Roland Lau / Perkins Eastman, AIA Peter Mueller, AIA |
| PDD2 | 7/28/20 Tuesday | 2 hours | Project Development & Documentation (CDS) | Construction Documentation, Project Manual & Specifications | Shaum Mehra / Oblique City, RA Dan Hogman / SmithGroup, AIA |

Note: Project Planning & Design (PPD) & Project Development & Documentation (PDD) below are currently **OPEN** for registration.

| PPD + PDD (previously CDS & BDCS in ARE 4.0) | | | Perkins Eastman / CSA | | |
|--|-------------------|----------|--|---|---|
| Monday 6pm - 8pm | | | 130 Sutter St., Ste. 600, SF, CA | | |
| Session | Date | Duration | Titles | Outline | Instructor |
| PPD3 + PDD3 | 8/4/20 Tuesday | 2 hours | Project Planning & Design + Project Development & Documentation (BDCS) | Building Systems, Materials & Assemblies; (Construction Methods I: concrete, masonry, wood, metal, thermal & moisture protection) | Ryan Raskop / CSA, AIA Roland Lau / Perkins Eastman, AIA |

Note: Project Planning & Design (PPD) & Project Development & Documentation (PDD) below is currently **OPEN** for registration.

| PPD + PDD (previously CDS & BDCS in ARE 4.0) | | | HOK / SmithGroup | | |
|--|--------------------|----------|--|---|---|
| Monday 6pm - 8pm | | | 130 Sutter St., Ste. 600, SF, CA | | |
| Session | Date | Duration | Titles | Outline | Instructor |
| PPD4 + PDD4 | 8/11/20 Tuesday | 2 hours | Project Planning & Design + Project Development & Documentation (BDCS) | Building Systems, Materials & Assemblies, Codes & Regulations (Construction Methods II: doors, windows & glass, finish work) (Construction methods II: doors, windows & glass, finish work) | Melissa Barry / HOK, AIA, Dan Hogman / SmithGroup, AIA |

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Note: Project Planning & Design (PPD) + Project Development & Documentation (PDD) classes below are currently **OPEN** for registration.

| PPD + PDD (previously Structural Systems in ARE 4.0) | | | Degenkolb Engineers / Forell Elsesser | | |
|--|---------------------|----------|---|--|---|
| Monday 6pm – 8pm | | | 130 Sutter St., Ste. 600, SF, CA | | |
| Session | Date | Duration | Titles | Outline | Instructor |
| PPD5 + PDD5 | 8/25/20 Tuesday | 2 hours | Building Systems, Materials & Assemblies; Integration of Building Materials & Systems | Introduction to General Structures: Statics, equilibrium, strain, stress, section properties, deflection | Abe Lynn / Degenkolb Engineers, PHD, P.E. |
| PPD6 + PDD6 | 9/1/20 Tuesday | 2 hours | Building Systems, Materials & Assemblies; Integration of Building Materials & Systems | Construction Materials: Steel & Concrete design; Steel Connection, Wood, & Masonry design | Andrew Ma / Forell Elsesser, SE Fai Chong, AIA Heller Manus Arch. |
| PPD7 + PDD7 | 9/9/20 Wednesday | 2 hours | Building Systems, Materials & Assemblies; Integration of Building Materials & Systems | Foundation, retaining walls & long span structures | Allen Nudel / Forell Elsesser, S.E. Fai Chong, AIA Heller Manus Arch. |
| PPD8 + PDD8 | 9/29/20 Tuesday | 2 hours | Building Systems, Materials & Assemblies; Integration of Building Materials & Systems | Lateral systems, seismic and wind design | Charlotte Wong / Forell Elsesser, S.E. Fai Chong / AIA Heller Manus Arch. |

Note: Project Planning & Design (PPD) & Project Development & Documentation (PDD) classes below are currently **OPEN** for registration.

| PPD + PDD (previously Building Systems in ARE 4.0) | | | ARUP | | |
|--|---------------------|----------|---|--|--|
| Monday 6pm - 8pm | | | 130 Sutter St., Ste. 600, SF, CA | | |
| Session | Date | Duration | Titles | Outline | Instructor |
| PPD9 + PDD9 | 10/6/20 Tuesday | 2 hours | Building Systems, Materials & Assemblies; Integration of Building Materials & Systems | Lighting & Electrical Systems (Kaplan - Chapter 6 & 7) | Callie Welsh / Arup, PE Jacob Johnston / Arup PE |
| PPD10 + PDD10 | 10/20/20 Tuesday | 2 hours | Building Systems, Materials & Assemblies; Integration of Building Materials & Systems | Mechanical Equipment and Energy Codes; Basic Thermal Processes, Comfort Climate and Solar Design (Kaplan - Chapters 3, 4, 5) | Paul Switenki / Arup, PE, MSCE,BAE Alexej Goehring / Arup |

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Note: Project Planning & Design (PPD) & Project Development & Documentation (PDD) classes below is currently **OPEN** for registration.

| PPD + PDD (previously Building Systems in ARE 4.0) | | | | | ARUP / Holmes Fire |
|--|---------------------|----------|---|--|--|
| Tuesday 6pm - 8pm | | | | | 130 Sutter St., Ste. 600, SF, CA |
| Session | Date | Duration | Titles | Outline | Instructor |
| PPD11 + PDD11 | 10/27/20 Tuesday | 2 hours | Building Systems, Materials & Assemblies; Integration of Building Materials & Systems | Water Supply and Building Systems: Drainage Systems & Fire Safety (Kaplan – Chapter 2) | Lingyan Gorsuch / Arup, PE, CPD, LEED AP, BDC & Geza Szakats / Holmes Fire, PE |

Note: Project Planning & Design (PPD) & Project Development & Documentation (PDD) class below is currently **OPEN** for registration.

| PPD + PDD (previously Building Systems in ARE 4.0) | | | | | Salter |
|--|---------------------|----------|---|--------------------------------|----------------------------------|
| Monday 6pm - 8pm | | | | | 130 Sutter St., Ste. 600, SF, CA |
| Session | Date | Duration | Titles | Outline | Instructor |
| PPD12 + PDD12 | 11/10/20 Tuesday | 2 hours | Building Systems, Materials & Assemblies; Integration of Building Materials & Systems | Acoustics (Kaplan - Chapter 8) | Ethan Salter/PE, LEED AP/CSA |

Note: Project Planning & Design (PPD) & Project Development & Documentation (PDD) class below is currently **OPEN** for registration.

| PPD + PDD (previously Building Systems in ARE 4.0) | | | | | Thornton Tomasetti |
|--|---------------------|----------|---|---|--|
| Monday 6pm - 8pm | | | | | 130 Sutter St., Ste. 600, SF, CA |
| Session | Date | Duration | Titles | Outline | Instructor |
| PPD13 + PDD13 | 11/17/20 Tuesday | 2 hours | Building Systems, Materials & Assemblies; Integration of Building Materials & Systems | Sustainable Systems (Energy and Water Efficiency and Indoor Air Quality) (Kaplan - Chapter 1 Energy efficient design strategies Water conservation / waste reduction strategies Indoor air quality) | Joel Stout / Thornton Tomasetti, AIA, LEED Fellow, WELL AP |

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Note: Programming & Analysis (PA) classes below are currently **CLOSED** for registration.

| Programming & Analysis (PA – previously PPP & SPD ARE 4.0) (Days of the week may vary, see schedule below) 6pm - 8pm | | | | | OSS / LBG Virtual via Zoom |
|--|---------------------|----------|------------------------|--|--|
| Session | Date | Duration | Titles | Outline | Instructor |
| PA1 | 3/30/20 Monday | 2 hours | Programming & Analysis | Site Analysis & Programming, Building Analysis & Programming | Peter Mueller, AIA; Nikki Hall / OpenScopeStudio,AIA |
| PA2 | 4/1/20 Wednesday | 2 hours | Programming & Analysis | Environmental & Contextual Conditions, Codes & Regulations | Breck Baird, / LBG Real Estate Co., RA |

Note: The Practice Management (PcM1 & PcM2) classes below are currently **CLOSED** for registration.

| Practice Management (PcM – previously part of PPP in ARE 4.0) Monday 6pm - 8pm | | | | | LBG / RBBA / Perkins Eastman Virtual via Zoom |
|--|----------------------|----------|---------------------|---|---|
| Session | Date | Duration | Titles | Outline | Instructor |
| PcM1 | 4/15/20 Wednesday | 2 hours | Practice Management | Business operations, Practice-wide delivery of services | Steve Jackson / RBBA, AIA & Roland Lau / Perkins Eastman, AIA |
| PcM2 | 4/21/20 Tuesday | 2 hours | Practice Management | Finances, risk & development practice; practice methodologies | Breck Baird / LBG Real Estate Co., Project Manager, RA |

Note: The Project Management (PjM1 & PjM2) classes below are currently **CLOSED** for registration.

| Project Management¹ (PjM1– previously part of CDS ARE 4.0) Tuesday 6pm - 8pm | | | | | RBBA/Perkins Eastman/LBG/HOK Virtual via Zoom |
|---|--------------------|----------|--------------------|---|---|
| Session | Date | Duration | Titles | Outline | Instructor |
| PjM1 | 5/5/20 Tuesday | 2 hours | Project Management | Contracts, Project Execution, Project Quality Control | Steve Jackson / RBBA, AIA & Roland Lau / Perkins Eastman, AIA |
| PjM2 | 5/12/20 Tuesday | 2 hours | Project Management | Resource Management, Project Work Planning | Breck Baird / LBG Real Estate Co., AIA; Melissa Barry / HOK, AIA |

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Note: Construction & Evaluation (CE1 & CE2) classes below are currently **CLOSED** for registration.

| Construction & Evaluation (CE - previously CDS ARE 4.0) | | | | Perkins Eastman / RBBA | |
|--|-------------------|-----------------|---|--|---|
| Monday 6pm - 8pm | | | Via Zoom (TBD) or 130 Sutter St., Ste. 600, SF, CA | | |
| Session | Date | Duration | Titles | Outline | Instructor |
| CE1 | 6/2/20 Tuesday | 2 hours | Construction & Evaluation | Pre-construction activities, construction observation | Roland Lau / Perkins Eastman, AIA & Steve Jackson / RBBA, AIA |
| CE2 | 6/9/20 Tuesday | 2 hours | Construction & Evaluation | Administrative procedures & protocols, project closeout & evaluation | Steve Jackson/ RBBA, AIA & Roland Lau / Perkins Eastman, AIA |

Note:

1. References in class schedule to Kaplan are related to ARE 5.0 & 4.0 study guides.
2. Materials in ARE class presentation used for ARE 5.0 are based upon Ballast 5.0 study guide books and Brightwood ARE 5.0 and Kaplan ARE 4.0 study guides primarily besides instructor experiential knowledge and examples.