

Public Works DIGEST

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**This Issue:
Master Planning,
Housing, and
Barracks**

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The top two images show the proposed mixed-use mission support facility at U.S. Army Garrison Miami, Florida, that combines logistics and administrative uses into one connected building supporting footprint reduction, resiliency, energy efficiency, low impact development, and mission effectiveness goals. The proposed barracks (bottom image) follow the apartment model first developed at Fort Leonard Wood with one building sized for no more than 10 residents. This makes the building exempt from anti-terrorism/force protection requirements and much more efficient in terms of total cost and area required.

See article on [Page 15](#) (Images courtesy of The Urban Collaborative, LLC).





Announcing new Master Planning PROSPECT courses for FY18

by Jerry Zekert and Holly Workman

Are you curious about how to effectively contract and negotiate for master planning services? Do you need to know how to manage a master planning program? Or are you interested in learning how to develop a form-based plan and techniques required to implement the master plan?

Develop your master planning skills and make more informed decisions with our two new Proponent-Sponsored Engineering Corps Training (PROSPECT) courses: Master Planning Practices (Course #241) and Master Planning Programming and Siting (Course #326).

Master Planning Practices #241

This four-day course focuses on the practices needed to efficiently manage a master planning program including accomplishing planning efforts, contracting for planning services, balancing contract efforts with in-house capabilities, evaluating work, and ensuring stakeholder involvement.

The course provides a brief overview of the master planning policies and products required by United Facilities Criteria 2-100-01, Installation Master Planning. Divided into four sections, students first learn about individual and collective roles and responsibilities for project managers, stakeholders, planning boards, and planning support centers. Included is a segment on planning law and ethics where students gain an understanding of how legal precedence and ethical actions impact planning practices.

Students learn in an interactive hands-on setting how to ensure quality in the planning process through the development of effective statements of work, the preparation of reasonable government working estimates, and the appropriate evaluation of master planning products (e.g., Vision Plans, Installation Development Plans, Area Development Plans, Planning Standards, Development Programs, and Plan Summaries, Sustainability Component Plans, Nodal Development Plans, and Customer Concept Documents).

The course also teaches how Design Agents can effectively execute work for customers through appropriate acquisition strategies that may include in-house efforts, jointly with Architecture and Engineering (A/E) firms, or by contracting all the effort to A/E firms. Through hands-on exercises, this section also teaches students how to manage the A/E selection process by crafting appropriate solicitation notices, evaluating proposals, interviewing firms, and making the selection.

Master Planning Programming and Siting #326

Master Planning Programming and Siting will be first offered in 2018. This course combines two popular PROSPECT courses: Master Planning Guideline Implementation (319) and Master Planning Program Execution (326). This four-day course provides a broad understanding of the concepts and elements of form-based planning and methods used to implement master plans.

The course's primary purpose is to teach master planners, designers, and project managers how to prepare a form-based code and an Area Development Execution Plan for a planning district. This course uses an interactive charrette model to teach students how to prepare a form-based code, use the code, and enforce the code in managing installation development. Students also learn how to interpret the code in the design and programming of projects.

Through hands-on learning, this class enables planners, designers, and project managers to be able to develop a form-based code that includes illustrative and regulating plans as well as a suite of planning standards for streets, buildings, and landscapes. Students also learn how to process site approvals using the form-based code, create regulatory protocols, and understand the integration of the code into the overall master planning process.

Students learn how to implement Capital Investment Strategies through the preparation of an Area Development

Execution Plan. The course highlights tested methods to prioritize projects and ways to develop planning-level cost estimates. This class is not a programming or DD Form 1391 development class. Nor is it a computer class on how to use Real Property Planning and Analysis System, Army Stationing and Installation Plan, or similar tools. Instead, this course covers how to use the output of these tools and the planning process to develop Area Development Execution that can be used for plan implementation.

The USACE Learning Center manages PROSPECT courses, registrations and provides details of the process. The program allows both public and private professionals to register for courses, although priority registration remains for Corps of Engineers and federal employees. Course listings and 2018 academic offerings are available online at: <http://ulc.usace.army.mil/downloads/PurpleBook2018.pdf> or to register, contact Anthony Edwards, USACE Learning Center Course Manager at anthony.edwards@usace.army.mil. Contact your training coordinator to request classes. Please note that schedule and locations are subject to change.

Editor's Note: See the [2018 Master Planning Training Schedule on page 42](#).

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Zekert is the chief of the Master Planning Team at Headquarters, U.S. Army Corps of Engineers, and director of the PROSPECT Master Planning Courses. Holly Workman, ACIP, is a planner at The Urban Collaborative, LLC, and PROSPECT Course Instructor. 



2018 Master Planning Institute Training Program

<u>Date</u>	<u>Course #</u>	<u>Description</u>	<u>Place</u>	<u>Tuition</u>
13-16 March	258	MP Energy & Sustainability	New Orleans	\$1,513
18-20 April		Federal Planning Workshop	New Orleans	
21-24 April		American Planning Assn Conference	New Orleans	
24-26 April	163	MP Sustainability & Resiliency	Champaign, Illinois	\$1,545
08-11 May	241	MP Practices	Mobile, Alabama	\$1,564
04-07 June	075	MP Principles	San Francisco	\$1,535
10-12 July	392	MP Sustainable Historic Structures	Cincinnati	\$1,081
23-24 July	319	MP Guideline Implementation	Kansas City	\$990
25-27 July	326	MP Program Execution	Kansas City	\$1,089
07-10 August	948	MP Visualization Techniques	Huntsville, Alabama	\$1,560
21-24 August	952	MP Advanced Techniques (ADP's)	Norfolk, Virginia	\$1,733

REGISTRATION: If you have questions about **registration, payment, or course specific questions**, contact the Registrar office at: (256) 895-7425 / (256) 895-7422 / (256) 895-7437 / (256) 895-8086 or Fax: (256) 895-7469. The Registrar's name is Mr. David Tollison, email: david.d.tollison@usace.army.mil

Course Proponent: Jerry Zekert, Chief Master Planning Program, HQ USACE, 202-761-7525; email: jerry.c.zekert@usace.army.mil

Alternate: Sean Martin, AICP, Senior Planner, HQ USACE, 202.761.1876; email: sean.l.martin@usace.army.mil

USACE Learning Center Course Manager is Mr. Anthony Edwards, (256) 895-7495, Fax: (256) 895-7412; email: Anthony.t.edwards@usace.army.mil or Dr. Crystal Navies, Chief, Installation Support Training Division, (256) 895-7477; Fax: (256) 895-7412; email: Crystal.navies@usace.army.mil

For registration to the Federal Planning Division Workshop, the website is <https://www.planning.org/divisions/federal/conference/>