

SPECIAL REPORT

Young Facilities Engineer Survey

**Global Survey of Oil & Gas Facilities Engineers
with Less Than 5 Years Experience**

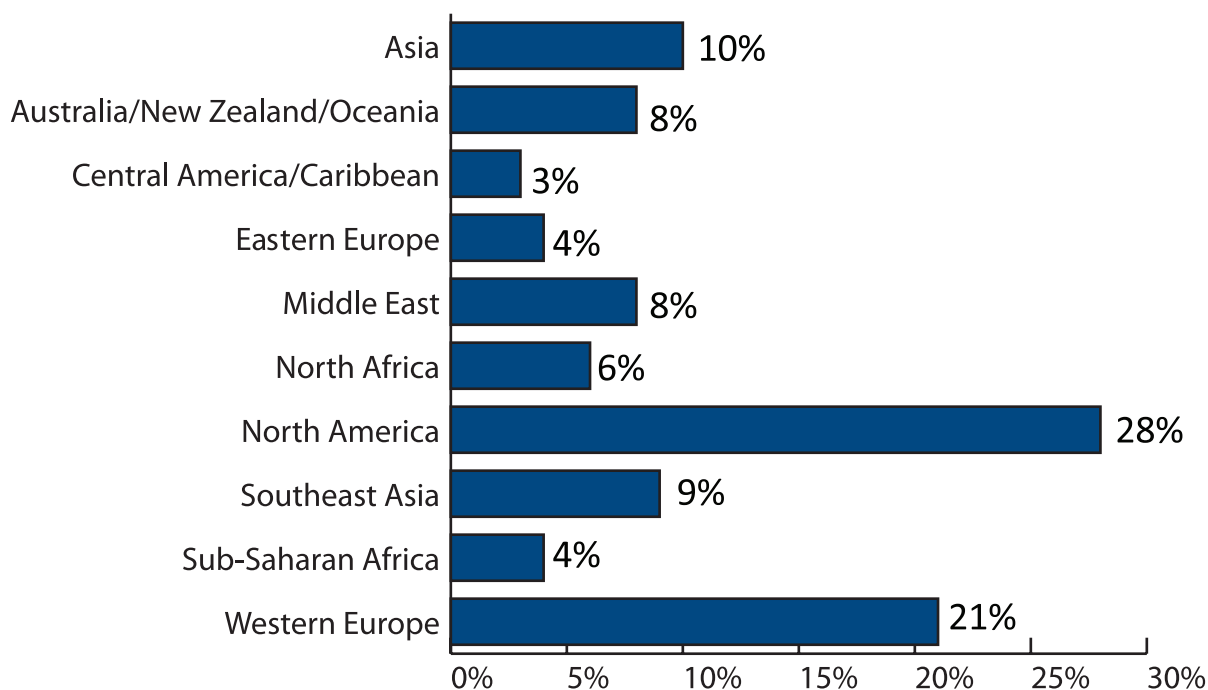
Provided by:

John M. Campbell & Company

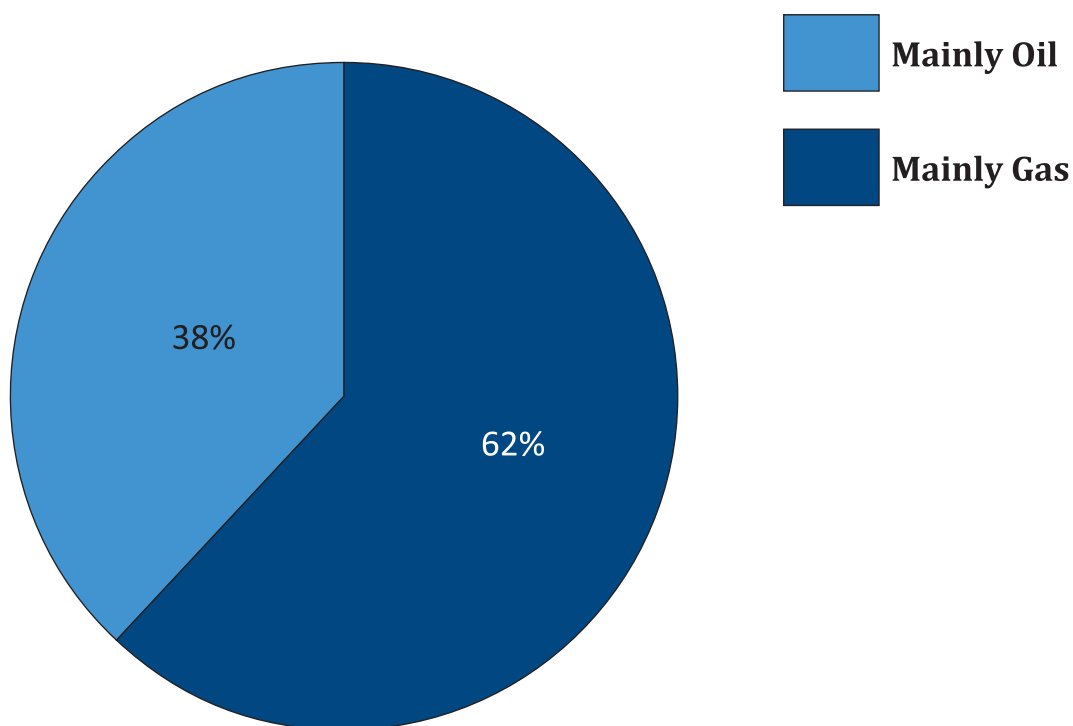
*Providing Technical Training for
Facilities Engineers and Operators*

John M.
Campbell & Co.

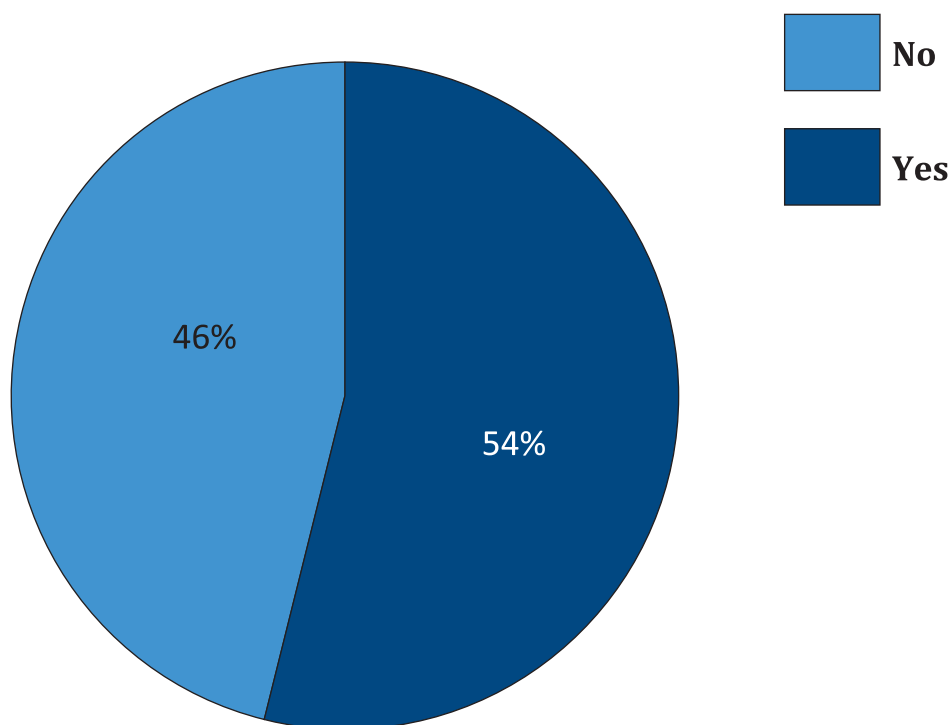
In what part of the world are you currently working?



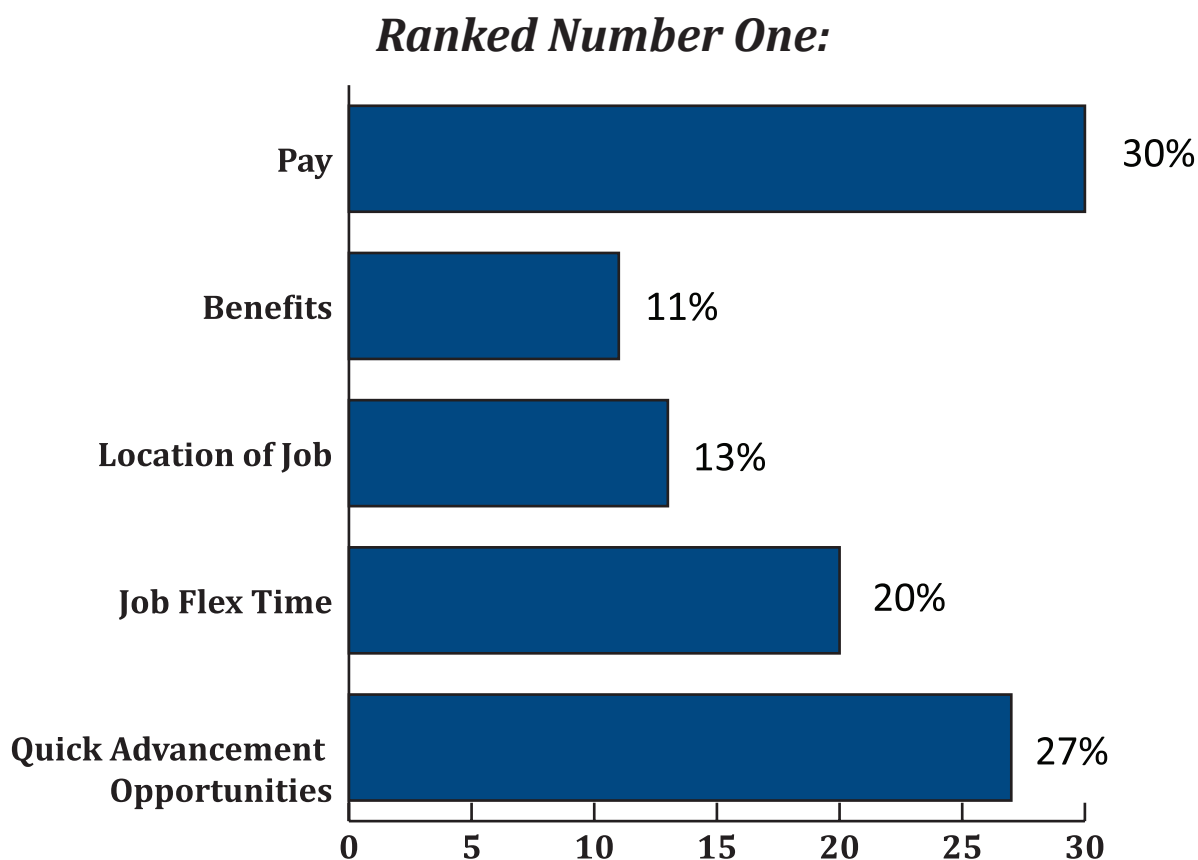
What best describes your facility asset type?



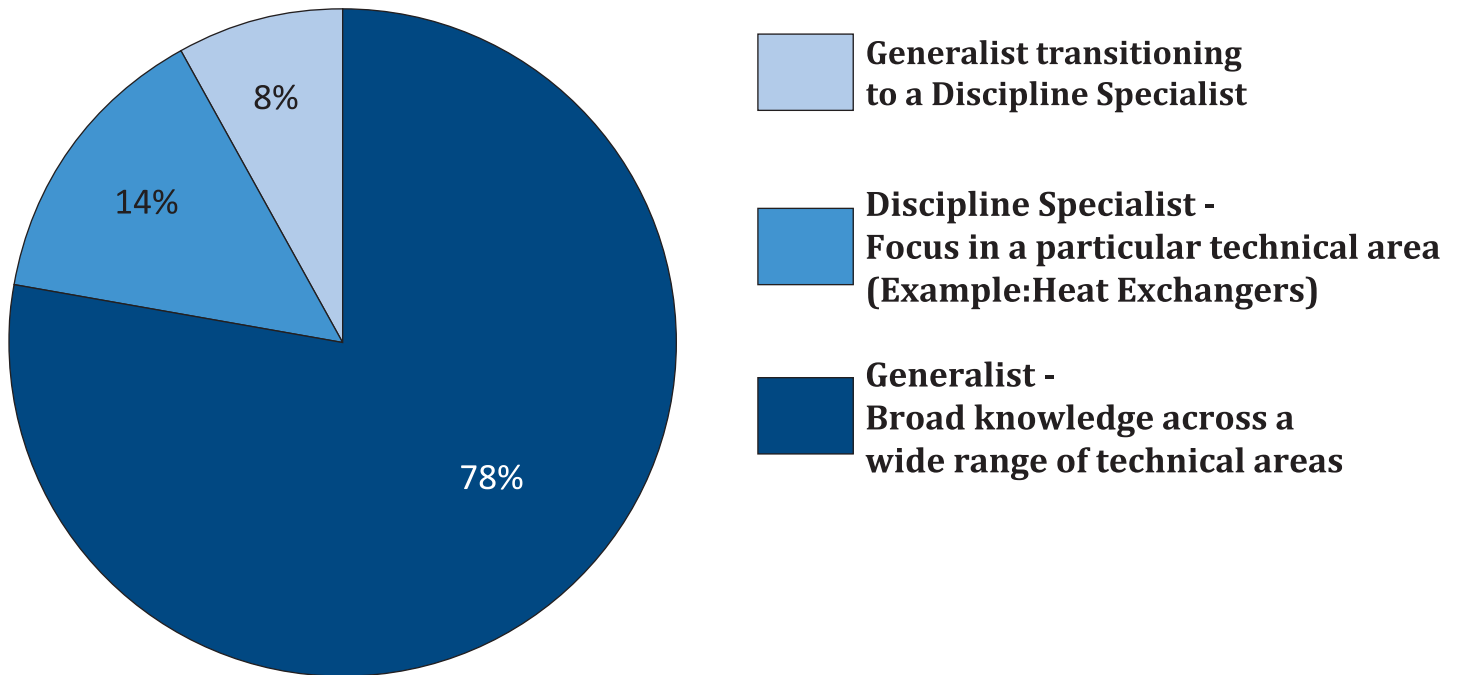
Do you currently have an on the job mentor?



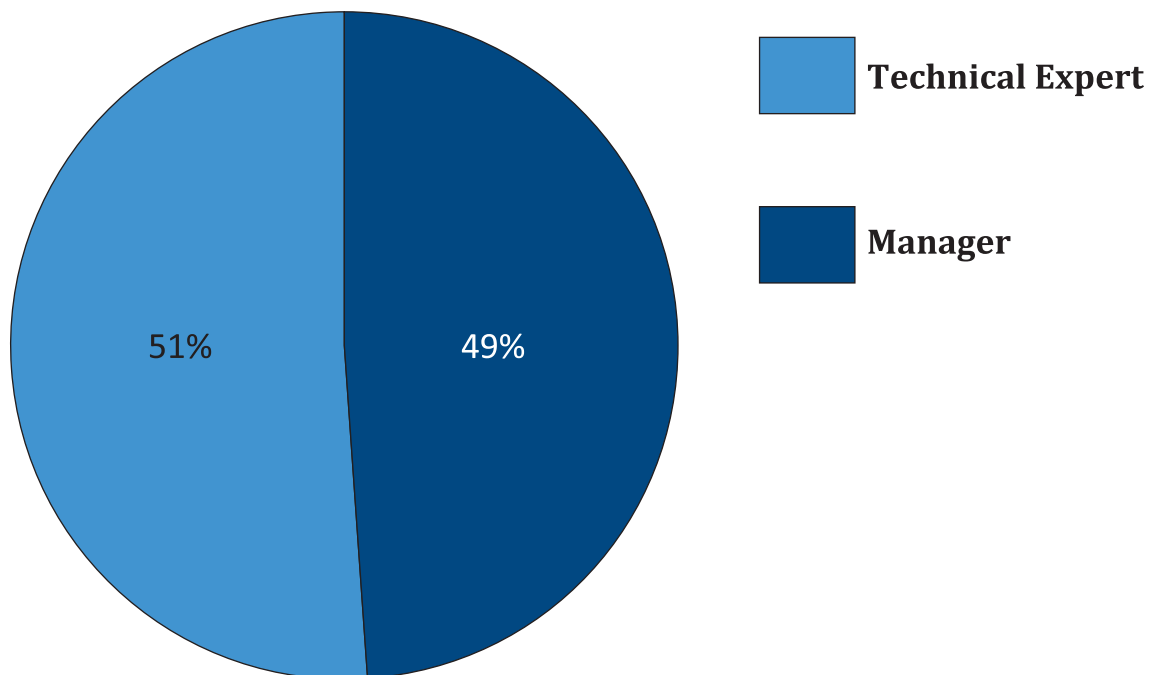
Rank the following in order of importance



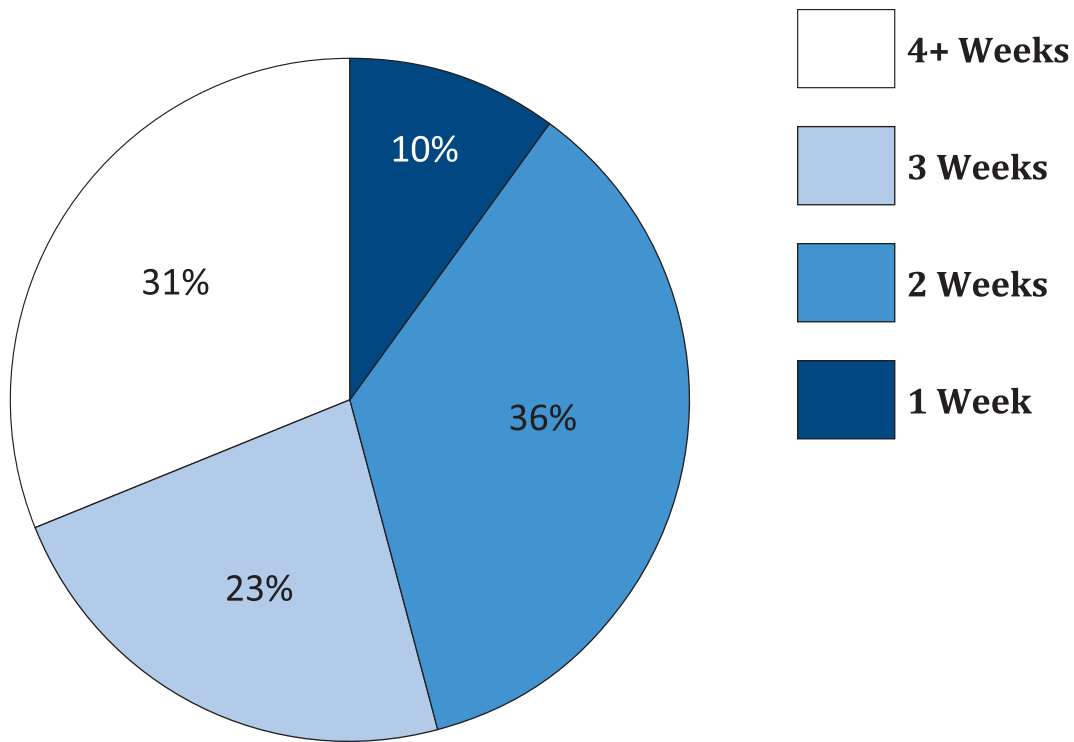
What best describes your current career path?



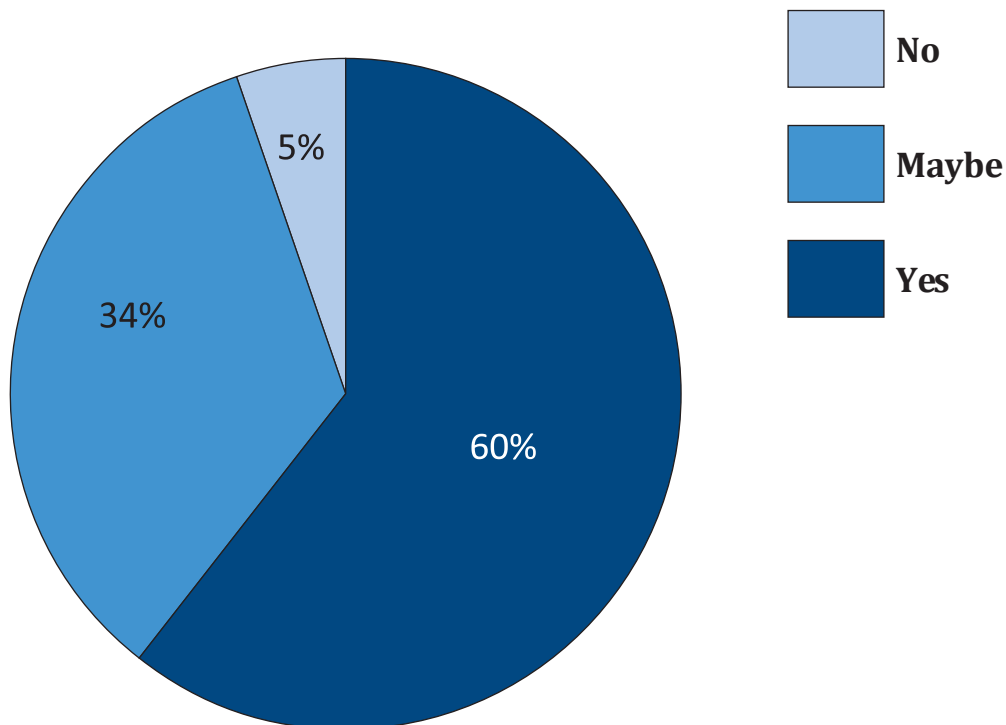
If I had a choice between being a manager or a technical expert I would choose



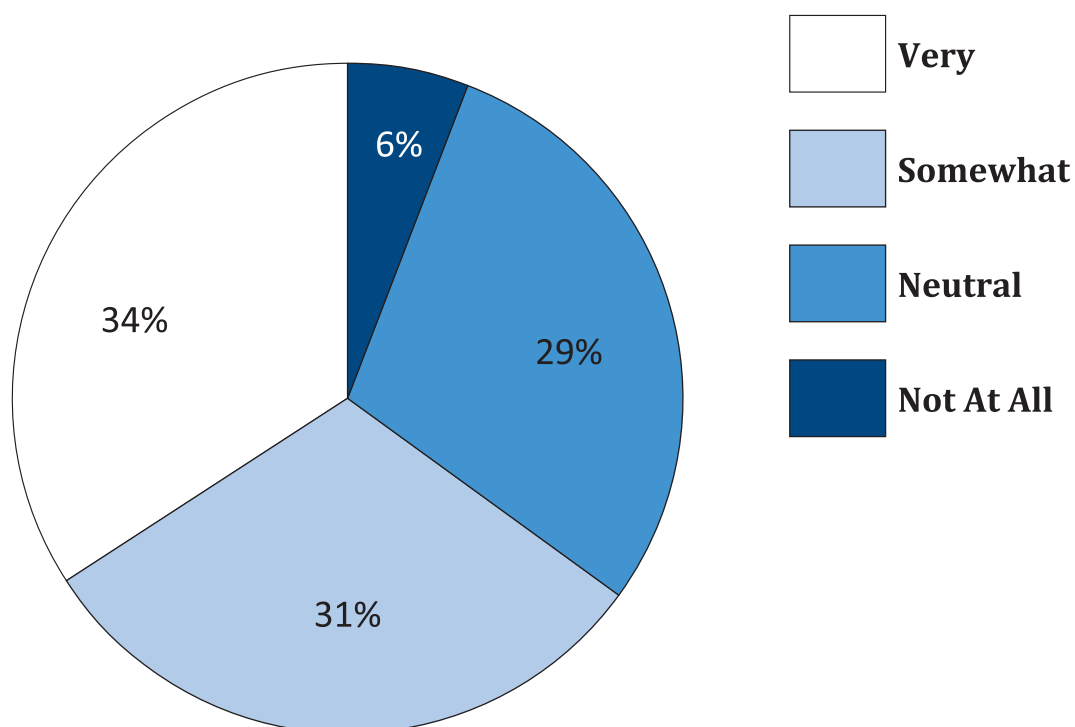
Annually, how many weeks of training are available to you?



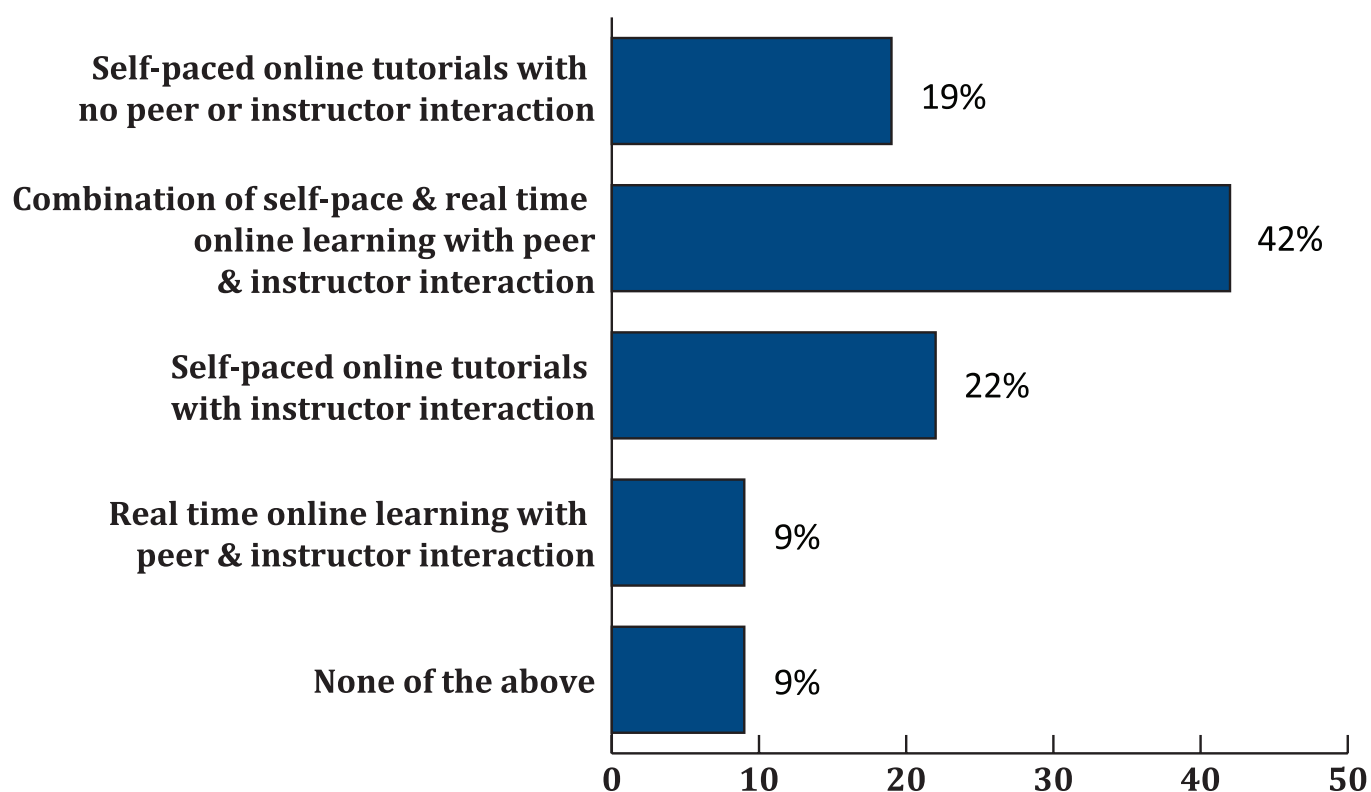
Would you be interested in a series of courses that would lead to a certification?



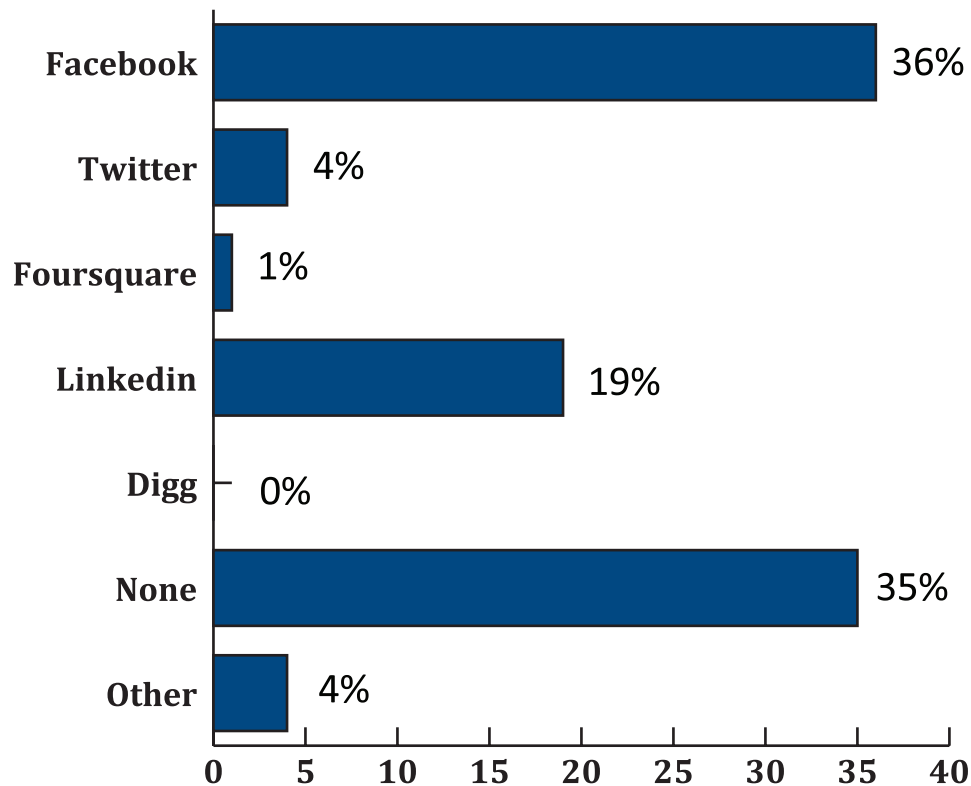
How comfortable are you with online learning?



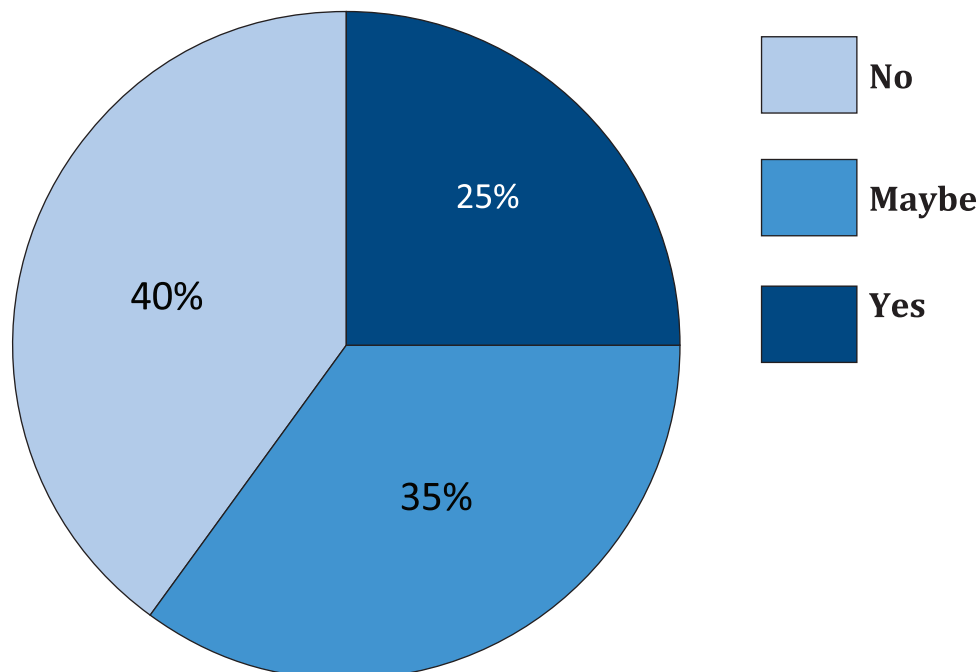
What type of online learning are you interested in taking?



Do you use any of the following social media platforms in your daily professional life?



Would you like to have the option of receiving some course content via a mobile app?



How important is it for you to have knowledge in the following areas?

	Critical	Important	Somewhat Important	Not Important
Heat Transfer Equipment	14%	48%	31%	8%
Relief and Flare Systems	32%	36%	25%	7%
Onshore Gas Gathering Systems	20%	34%	31%	16%
Separation Equipment	37%	43%	16%	5%
Offshore Design and Construction Fundamentals	10%	25%	31%	34%
Subsea Systems	8%	13%	32%	47%
Onshore Pipeline Design, Construction and Operations	16%	31%	35%	18%
Piping Systems	21%	36%	36%	7%
Instrumentation and Controls	20%	43%	31%	6%
Electrical Engineering Fundamentals	7%	19%	48%	26%
Pumps and Compressor Systems	36%	42%	19%	4%
Leadership Skills	37%	43%	18%	2%
Compressor Systems	29%	47%	20%	4%
Project Management for Engineering and Construction	24%	31%	34%	11%
Contracts and Tenders Fundamentals	5%	25%	43%	28%
Maintenance Planning and Work Control	8%	27%	38%	28%
Optimizing Asset Availability	20%	23%	35%	22%
Corrosion Management	7%	32%	42%	19%
Applied Water Technology in Oil and Gas Production	11%	34%	34%	22%
Process Safety Engineering	38%	32%	23%	7%
Flow Assurance	22%	31%	31%	17%
Turbomachinery Monitoring	11%	17%	35%	37%
Plant Utility Systems	12%	38%	37%	14%
Troubleshooting & Optimization of Process System	31%	33%	25%	11%
Produced Water Treating	17%	33%	29%	20%
NGL Recovery & Hydrocarbon Dewpoint Control Processes	19%	31%	30%	20%

John M. Campbell & Co.

**“One of the World’s Largest and Best-Known
Oil and Gas Training Companies”
- Oil & Gas Journal**

About John M. Campbell & Company’s

Facilities Engineering Training

With more than 60,000 engineers trained in facilities and processing technology in the last 43 years, John M. Campbell & Company is the foremost authority in the Oil & Gas industry when it comes to facilities engineers. With a rich pool of industry experts averaging more than 30 years of real-world experience, companies across the globe rely on us for providing continuing education for their engineers and to meet their workplace challenges.

Upstream and midstream surface facilities are a critical component in the production and transportation of oil, gas and water. While facilities typically do not represent the largest capital cost segment of a field development project, it is imperative that they be properly designed and operated to maximize throughput and availability.

A competent Facilities/Process Engineer requires knowledge of a broad range of systems, e.g. separation, piping, rotating equipment, instrumentation and control, safety, electrical, etc. This required breadth of knowledge is unique relative to other engineers and technical professionals in the industry.

**John M.
Campbell & Co.**

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John M. Campbell & Company provides a wide selection of training programs to ensure your Facilities/Process engineers quickly reach and maintain competency in this complex area. Our training options include:

- Gas Processing
- Process Facilities
- Offshore
- Pipeline
- Instrumentation, Controls and Electrical
- Mechanical
- Operations Management
- Procurement/Supply Chain Management
- Operator Training
- Water and Corrosion
- Reliability Engineering
- Refining

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John M. Campbell & Co.

Competent Facilities/Process Engineers are essential to the efficient, safe and profitable development of energy projects. Since 1968 John M. Campbell & Company has been the leader in the development and delivery of effective training solutions for facilities personnel for oil and gas organizations worldwide. We are proud to be one of the most recognized and respected training companies in this important and dynamic industry.

Our Vision

Be the preeminent provider of technical training solutions to the international energy industry.

Our Mission

Partner with the energy industry to design, develop and deliver world-class technical training programs that produce measureable results and inspire customer loyalty by building competency in their workforce.

Support Our Young Professionals

A portion of each enrollment in a John M. Campbell & Company course goes towards supporting the Young Professionals of The Society of Petroleum Engineers and The Gas Processors Association. We hope you will join us in supporting these Young Professionals.

