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Blended Learning in Exploration Production: an Effective Way to Solve Your Training Needs with Operational Constraints

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SUMMARY
With increasing needs for professional training with operational constraints, emerging technologies sustained by high speed web connectivity world wide allows new efficient training methods to become available in Exploration Production domains. IFP Training has opted for Blended learning that offers an effective way of teaching and managing skills.

Contrary to basic E-learning, to improve the effectiveness of such a distance learning type, Blended learning proposes individual and pedagogical monitoring associated to a great variety of interactive supports. This active pedagogy centered on the trainee is characterized by an effective knowledge transfer, sustained skills development and the reinforcement of trainee’s autonomy. If theoretical course is basically delivered in a distance mode, most of the trainings include a final classroom short session for advanced case-study and in-house solutions as a conclusion to the course. The Tutor, central actor of this method, provides all students in the group with efficient support and individual attention all along the session, ensuring successful results.

To obtain such a level of performance, IFPTraining training strategy has been developed around three main components:

*Adapted pedagogical content*
- Course content designed in attractive mode with animation and engaging videos
- Short modules content to allow an easy access anytime anywhere
- Online practical exercises and challenging assessments
- In group collaborative work and case-study analyses

*Support of a dedicated proactive tutoring*
- Ensures a weekly follow-up and support for each student from the group
- Organizes web conferences and collaborative work
- Provides additional technical information and explanations on students’ request

*High quality tools*
- Full detailed follow-up of course progress and individual student performances
- Shared applications to enhance exercises and practice online
- Collaborative relevant tools for web conferencing and virtual classroom or for asynchronous discussions and comments

After 6 years of practice in Exploration Production domains, students’ feedback and assessments prove that Blended learning offers an enjoyable, pedagogical and cost effective learning method solution, providing each participant with a real flexible and fully fledged learning environment supported by individual tutorship.

Moreover, unlike standard classroom session, this solution provides Tutor with an effective way to manage several sessions simultaneously.

IFPTraining is confident that such developing technology will be implemented full scale in oil & gas companies to meet the future industry training challenges.