



Universitatea POLITEHNICA din București
Facultatea de Inginerie Industrială și Robotică
Splaiul Independenței nr. 313, sector 6, 060042 București
Tel: + 4021 4029337



TEMATICĂ PENTRU CONCURSUL DE ADMITERE LA STUDII UNIVERSITARE DE MASTERAT

Programul **INDUSTRIAL ENGINEERING** (în limba engleză)

Subjects

1. Project concept, project management
2. CAD/CAM/CAE
3. Manufacturing processes and Machine - Tools
4. Operations management
5. Product Design & Development
6. Quality : product conformity, product certification, quality management system design & certification

References

- Bralla, J.G. ed., *Handbook of Manufacturing Processes – How products, components and materials are made*, Industrial Press Inc., 2007
- Tschätsch, H., *Applied Machining Technology*, Springer, 2009
- Anil Kumar S., Suresh N., *Operations Management*, New Age International Publishers, New Delhi, 2009
- Benny Raphael, Ian Smith, *Engineering Informatics. Fundamentals of Computer Aided Engineering*, Second Edition, ISBN 978-1119953418, John Wiley & Sons, 2013
- Lefteri C., *Manufacturing Techniques for Product Design*, Laurence Publishing, Ltd, 2012
- Klein R., *Scheduling of Resource-Constrained Projects*, Springer Science+Business Media, New York, 2000
- Ulrich K., Eppinger S., *Product Design and Development*, Ed. McGraw-Hill, 2011
- ISO 9001:2015

Decan,
Prof. univ. dr. ing. Cristian DOICIN

Responsabil program masterat
Conf. dr. ing. ec. Mihaela-Elena ULMEANU