機械工学専攻「機械工学特別講義」開講のお知らせ

１月２１日　機械工学専攻・水沼

内容

・ 英語による講義(留学生の積極的参加を歓迎、もちろん日本人も)
・ 他専攻の学生にも配慮した内容
・機械産業の先端的開発研究の現状
・開講時期　２，３月を予定
・講義は必修、見学は希望者のみ
・ 単位は１単位
・ 成績はレポートによる。講義のなかでレポートの課題を説明する。
・ 時間などの詳細は追って連絡します。

日程

１．　２／２２月　講義　　１３：３０～１６：３０
Research & Development of Advanced Power Generation
大地昭生　東北大学教授、東芝

２．　３／５金　見学　１３：３０～１６：３０ 東芝京浜事業所
タービン西工場と材料デバイス研究所(火力等エネルギー機器、材料)

３．　３／１７水　講義　　１３：００～１６：００
Nano-Technolgy for Advanced Amorphous Carbon Films
相澤龍彦　芝浦工業大学教授、トロント大学研究教授

４．　３／２９月　講義　１４：３０～１７：３０
Academia-Industry Collaboration in Turbomachinery Reserach and Development
後藤彰　荏原製作所、ロンドン大学客員教授

５．　３／３０火　見学　１４：００～１７：００
荏原製作所　藤沢事業所（ポンプ、半導体製造装置など）

履修申請の注意

・ 授業番号：Ｍ（博士前期）：Ｒ６８７、Ｄ（博士後期）：Ｒ６８８
・ 受講できる対象は、機械工学専攻 M・D、他の５専攻の M のみ（D には専攻に準ずる科目として他専攻の授業を履修できる制度がないため)。他専攻の学生で「専攻に準ずる科目」として履修する場合は、２月１５日（月）までに理工学研究科教務窓口で申請。ただし、他専攻の M の学生が受講する場合、専攻によっては修了単位に含まれないことがある。確認の必要があれば各専攻教務委員に相談すること。
・ M、D ともに修了判定に間に合わないため、最終年次は除く。

講義の教室：８－３０４

連絡・問い合わせ先

機械工学専攻　水沼　博　内線　４１４６
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Advanced Topics in Mechanical Engineering (Master course)
Special Topics in Mechanical Engineering (Doctor course)

2010/01/21

This course provides recent advanced topics on the research and development of Japanese manufacturing industries. The foreign students are also welcome to this course, and English will be used throughout all lectures. The sponsoring Department is Mechanical Engineering, but the students in the other Departments would be able to follow the lectures. The lectures will be scheduled in February and March. Three 2-hour lectures must be taken. Two visits to factories are optional. This lecture is 1-unit, and the grade point will be decided from the reports, the themes of which will be given by the lecturers. The detail will be announced later.

Schedule

1. 2/22 Mon.: 13:30-16:30, Lecture Room 8-304
   Research & Development of Advanced Power Generation
   Akio Ohji (Professor, University of Tohoku / Toshiba)
2. 3/5 Fri.: 13:30-16:30, Visit to Toshiba Keihin Product Operations
   West Turbine Works, Research Laboratory of Materials and Devices
3. 3/17 Wed.: 13:00-16:00, Lecture Room 8-304
   Nano-Technolgy for Advanced Amorphous Carbon Films
   Tatuhiko Aizawa (Professor, Shibaura Institute of Technology / Research Professor, University of Toronto)
4. 3/29 Mon.: 14:00-17:00, Lecture Room 8-304
   Academia-Industry Collaboration in Turbomachinery Research and Development
   Akira Goto (Ebara Corporation / Visiting Professor, University College London)
5. 3/30 Tues.: 14:00-17:00 Visit to Fujisawa Product Operations (Pump, Manufacturing machines of semiconductors, etc.)

Remarks on Course Registration

1. Class Number: R687 (Master), R688 (Doctor)
2. The registration is limited to the following students: Master and Doctor students of Mech. Eng. Dep. and Master students of the other Departments. However, any students who have interests in this course can attend this course. When the students in the other Departments register this course as the course of their own Departments, the permission from the educational committee is requested. Those students must register this course at the Faculty office until 15th in February.
3. The students, who will graduate in March, cannot register this course.

Contact Address

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