

2013 학년도 대학원 에너지공학부 교육과정

◆ 교육과정 편성표

| 과목번호    | 과목명             | 영문명   | 학점    |
|---------|-----------------|---|-------|
| EES0711 | 첨단에너지공학         | Advanced Energy Engineering                       | 3-3-0 |
| EES0712 | 고급에너지재료공학       | Advanced Energy Materials Science and Enginerring | 3-3-0 |
| EES0713 | 고급에너지소자공정       | Advanced Energy Device Process                    | 3-3-0 |
| EES0714 | 고급태양전지공학        | Advanced Solar Cell Engineering                   | 3-3-0 |
| EES0715 | 태양전지발전시스템       | System of Photovoltaic Generation                 | 3-3-0 |
| EES0716 | 광전기화학 기초        | Fundamentals of Photochemistry                    | 3-3-0 |
| EES0717 | 광촉매 원리 및 응용     | Principle and Application of Photocatalysis       | 3-3-0 |
| EES0718 | 광화학적 고도산화공정     | Photochemically Advanced Oxidation Processes      | 3-3-0 |
| EES0719 | 고급광전기화학         | Advanced Photoelectrochemistry                    | 3-3-0 |
| EES0720 | 태양전지공학 특강 1     | Selected Topics in Photovoltaics 1                | 3-3-0 |
| EES0721 | 태양전지공학 특강 2     | Selected Topics in Photovoltaics 2                | 3-3-0 |
| EES0722 | 태양광전환 특강 1      | Selected Topics in Solar Light Conversion 1       | 3-3-0 |
| EES0723 | 태양광전환 특강 2      | Selected Topics in Solar Light Conversion 2       | 3-3-0 |
| EES0724 | 원자로 해석 1        | Nuclear Reactor Analysis 1                        | 3-3-0 |
| EES0725 | 원자로 해석 2        | Nuclear Reactor Analysis 1                        | 3-3-0 |
| EES0726 | 방사선 계측          | Radiation Detection                               | 3-3-0 |
| EES0727 | 방사선 방호          | Radiation Protection                              | 3-3-0 |
| EES0728 | 방사선 수송 해석       | Radiation Transport Analysis                      | 3-3-0 |
| EES0729 | 발전로 안전공학 1      | Power Reactor Safety Engineering 1                | 3-3-0 |
| EES0730 | 발전로 안전공학 2      | Power Reactor Safety Engineering 2                | 3-3-0 |
| EES0731 | 핵연료 주기 기술       | Nuclear Fuel Cycle Technology                     | 3-3-0 |
| EES0732 | 방사성 폐기물 관리      | Radioactive Waste Management                      | 3-3-0 |
| EES0733 | 원자력공학특강 1       | Selected Topics in Nuclear Engineering 1          | 3-3-0 |
| EES0734 | 원자력공학특강 2       | Selected Topics in Nuclear Engineering 2          | 3-3-0 |
| EES0735 | 고급전력전자          | Advanced Power Electronics                        | 3-3-0 |
| EES0736 | 전력변환응용          | Power Conversion Application                      | 3-3-0 |
| EES0737 | 고주파 전력변환        | High Frequency Power Conversion                   | 3-3-0 |
| EES0738 | 소프트 스위칭 전력변환    | Soft? Switching Power Conversion                  | 3-3-0 |
| EES0739 | 고주파 자기소자 설계     | High Frequency Magnetic Component Design          | 3-3-0 |
| EES0740 | 에너지변환특강 1       | Selected Topics in Energy Conversion 1            | 3-3-0 |
| EES0741 | 에너지변환특강 2       | Selected Topics in Energy Conversion 2            | 3-3-0 |
| EES0742 | 에너지공학특강1        | Selected Topics in Energy Engineering 1           | 3-3-0 |
| EES0743 | 에너지공학특강2        | Selected Topics in Energy Engineering 2           | 3-3-0 |
| EES0744 | 에너지공학특강3        | Selected Topics in Energy Engineering 3           | 3-3-0 |
| EES0745 | 에너지공학특강4        | Selected Topics in Energy Engineering 4           | 3-3-0 |
| EES0746 | 에너지공학특강5        | Selected Topics in Energy Engineering 5           | 3-3-0 |
| EES0747 | 에너지공학특강6        | Selected Topics in Energy Engineering 6           | 3-3-0 |
| EES0799 | 석사학위논문연구(에너지공학) | Thesis : Energy Engineering                       | 3-3-0 |
| EES0999 | 박사학위논문연구(에너지공학) | Dissertation : Energy Engineering                 | 3-3-0 |