

| Course Information | | | | | |
|---------------------------|--|-------------------|------------------|--------------|---|
| Course Code | MT370 | * Credit Hours | 16 | * Credits | 1 |
| * Course Name | Curriculum Design of Materials Joining Engineering | | | | |
| (Course Type) | | | | | |
| (Language of Instruction) | | | | | |
| * School | | | | | |
| Prerequisite | | | | | |
| Teacher | | | (Course Webpage) | | |
| * Description | " " | | | | |
| * Description | <p>The curriculum is designed for undergraduate of School of Materials Science and Engineering (SMSE), who takes the "material joining courses" as an elective course. By designing curriculum, the ability to use acquired basic and professional knowledge about material processing is strengthened. Meanwhile, the creative thinking and operating practical ability are furtherly enhanced while finishing material joining projects. Students need to write the procedure qualification record (PQR), and establish the welding procedure specification (WPS) under the guidance of mentors and experimenters. Through participating in curriculum design, the independent thinking and operational ability are improved. Metals are joined by using different welding methods. WPS can be acquired through a series of experimental procedures, including wire selection, groove design, parameter optimization, weld inspection, microstrun and cture observatioperformance test, etc.</p> | | | | |

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| * (Textbooks & Other Materials) | |
| More | |
| Notes | |

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