Engineering

ENG 498  **Special Topics**  credit: 1 TO 4 hours.

Subject offerings of new and developing areas of knowledge in engineering intended to augment the existing curriculum. See Class Schedule or college course information for topics and prerequisites. Approved for both letter and S/U grading. May be repeated in the same or separate terms if topics vary.

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<td>51889</td>
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<td>ESR</td>
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EMISSION SENSING AND REDUCTION Course covers design and implementation of gas and aerosol pollutant sensing, and measures to improve and verify in air emissions. Application to field and in-use settings, especially in developing countries, is emphasized. Projects vary with student background and interest. Examples include electrical circuits and sensor design, sampling air flow, and thermodynamics and heat transfer in simple combustion devices. PREREQ: COMPLETION OF AT LEAST THREE CORE COURSES IN STUDENT'S MAJOR.

| 51404| Laboratory-Discussion | JMK     | 02:00 PM - 03:50 PM | TR   | 106B8 - Engineering Hall | Kurtz, J   |

Credit Hours: 4 hours

Business Technical Consulting. Prerequisite: Math 220