

ENGINEERING CLINICS
MATHEMATICS
PHYSICAL & ENG. SCIENCES
ELECTRICAL ENG. CORE
SIGNALS & SYSTEMS CORE
DIGITAL SYSTEMS CORE
ROWAN CORE
ECE/EET CROSS CUTTING

Min. Prereq. Grade Required: **C**  
 Course (hegis) number: **ECE 09.XYZ**  
 Course NAME: **COURSE NAME**  
 Credit hours: **(2-1)**  
 Pre-requisite: **C**  
 Co-requisite: **•**  
 Concurrent: the circle-end is a prerequisite for the arrow-end, but the two courses can be taken at the same time  
 (x2) A project class to be taken twice  
 Same prerequisites apply to each.  
 Lect. – Lab credit hours

Double frame indicates there are other options for this class than the one indicated here. See advising sheet

This is the Preliminary EET curriculum for AY 2025-26. ECE Department works continuously to improve curriculum, hence future / final curriculum may differ from this.

\* ECE 09.498 is not required for the students in the 2+2 program.

**HANDS-ON  
DESIGN  
EXPERIENCES**

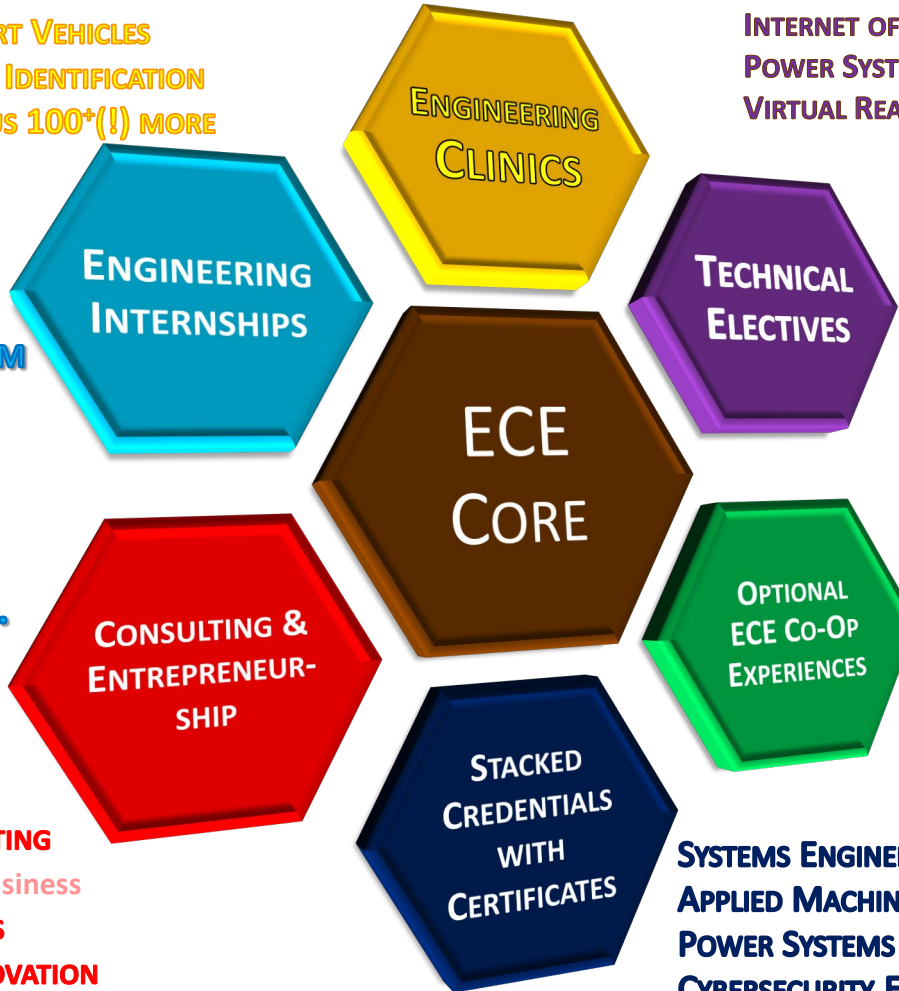
**NASA SATELLITE DESIGN  
MACHINE LEARNING & AI  
WIRELESS COMMUNICATIONS  
MICRO & SMART GRID  
AUGMENTED & VIRTUAL REALITY / GAME DESIGN**

**NEXT GEN COMP. ARCHITECTURE  
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SMART VEHICLES  
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...PLUS 100+(!) MORE**

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IMPULSE DYNAMICS  
...AND MANY OTHERS**

**DISNEY  
NAVSEA  
VERIZON  
INDUCTOTHERM**



**AI & MACHINE LEARNING  
DIGITAL IMAGE PROCESSING  
OPTICAL & WIRELESS COMMUNICATIONS  
PCB DESIGN & RAPID PROTOTYPING  
SPACE / SYSTEMS ENGINEERING  
ALTERNATIVE & RENEWABLE ENERGY  
ENGINEERING CYBERSECURITY  
CLOUD HARDWARE SECURITY  
... AND MANY MORE EVERY SEMESTER**

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**SYSTEMS ENGINEERING  
APPLIED MACHINE LEARNING  
POWER SYSTEMS ENGINEERING  
CYBERSECURITY ENGINEERING  
COMBAT SYSTEMS ENGINEERING  
WIND ENERGY**