

# INSPIRE. MOTIVATE. LEAD.



## Engineering Leadership Certificate



- Learn valuable skills for industry and research.
- Create and communicate your vision.
- Lead positive change.
- Engage with professional engineers.
- Meet Rice alums and build your network.
- Set yourself apart and lead other engineers.



*More information:*  
[rcel.rice.edu](http://rcel.rice.edu)



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Rice Center for Engineering Leadership

# RCEL Certificate in Engineering Leadership Requirements

FRESHMAN	SOPHOMORE	SUMMER	JUNIOR	SUMMER	SENIOR
<p><b>ENGI 140*</b> Eng. Leadership Development <b>Fall OR Spring</b></p>	<p><b>ENGI 315**</b> Leading Teams and Innovation <b>Fall OR Spring</b></p> <p><b>ENGI 218</b> Eng Lead Lab I <b>Fall</b></p> <p><b>ENGI 219</b> Eng Lead Lab II <b>Spring</b></p>	<p><b>PROFESSIONAL INTERNSHIP</b> <b>ENGI 241</b> Prof Excl for Eng</p>	<p><b>ENGI 317***</b> Leadership Action Learning <b>Fall OR Spring</b></p> <p><b>OR</b></p> <p><b>ENGI 318</b> Eng Lead Lab I <b>Fall</b></p> <p><b>ENGI 319</b> Eng Lead Lab II <b>Spring</b></p>	<p><b>PROFESSIONAL INTERNSHIP</b> <b>ENGI 241</b> Prof Excl for Eng <i>(if not taken previously)</i></p>	<p><b>FINAL Presentation</b></p>



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[rcl.rice.edu/certificate](http://rcl.rice.edu/certificate)

This diagram outlines the recommended course path for completion of the RCEL Certificate Program. Some required courses may be taken in a different order with RCEL approval.

## REQUIRED COURSES (10 credits; timing is flexible)

ENGI 140: Engineering Leadership Development (2 credit, Fall or Spring)\*

ENGI 218: Leadership Lab I (1 credit, Fall)

ENGI 219: Leadership Lab II (1 credit, Spring)

ENGI 241: Professional Excellence for Engineers I (1 credit, Summer)

ENGI 315: Leading Teams and Innovation (3 credit, Fall or Spring)\*\*

**STUDENTS MUST TAKE EITHER ENGI 317 OR BOTH ENGI 318 AND 319**

ENGI 317: Leadership Action Learning (2 credit, Fall or Spring)\*\*\*

ENGI 318: Leadership Lab I (1 credit, Fall)

ENGI 319: Leadership Lab II (1 credit, Spring)

**REQUIRED CO-CURRICULAR EXPERIENCE**

# Required Coursework for Engineering Leadership Certificate

**X** Available

**X** Approval Needed

	Freshman		Sophomore		Junior		Senior	
	F	S	F	S	F	S	F	S
ENGI 140 (2 credits) <i>Leadership Development</i>	X	X	X	X	X	X		
ENGI 218 (1 credit) <i>Leadership Lab I</i>			X		X			
ENGI 219 (1 credit) <i>Leadership Lab II</i>				X		X		
ENGI 315 (3 credits) <i>Leading Teams and Innovation</i>		X	X	X	X			
ENGI 241 (1 credit) <i>Prof. Excellence for Engineers</i>					X	X		
ENGI 317 (2 credits) <i>Leadership Action Labs</i>					X	X	X	X
<b>[OR]</b>								
ENGI 318 (1 credit) <i>Leading ENGI Leadership Lab I</i>					X			
ENGI 319 (1 credit) <i>Leading ENGI Leadership Lab II</i>						X		