

# Modern Algebra II - Math 402 - 01 (Spring 2019)

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Spring 2019

Syllabus

$\newcommand{\aut}{\text{Aut}}$   $\newcommand{\inn}{\text{Inn}}$   $\newcommand{\sub}{\text{Sub}}$   
 $\newcommand{\cl}{\text{Cl}}$   $\newcommand{\join}{\vee}$   $\newcommand{\bigjoin}{\bigvee}$   
 $\newcommand{\meet}{\wedge}$   $\newcommand{\bigmeet}{\bigwedge}$   $\newcommand{\normaleq}{\unlhd}$   
 $\newcommand{\normal}{\lhd}$   $\newcommand{\union}{\cup}$   $\newcommand{\intersection}{\cap}$   
 $\newcommand{\bigunion}{\bigcup}$   $\newcommand{\bigintersection}{\bigcap}$   $\newcommand{\sq[2][\sqrt{\#1\#2},]}{\sqrt{\#1\#2}}$   $\newcommand{\pbr}[1]{\angle \#1\angle}$   $\newcommand{\ds}{\displaystyle}$   
 $\newcommand{\C}{\mathbb{C}}$   $\newcommand{\R}{\mathbb{R}}$   $\newcommand{\Q}{\mathbb{Q}}$   
 $\newcommand{\Z}{\mathbb{Z}}$   $\newcommand{\N}{\mathbb{N}}$   $\newcommand{\A}{\mathbb{A}}$   
 $\newcommand{\F}{\mathbb{F}}$   $\newcommand{\T}{\mathbb{T}}$   $\newcommand{\ol}[1]{\overline{\#1}}$   
 $\newcommand{\imp}{\Rightarrow}$   $\newcommand{\rimp}{\Leftarrow}$   $\newcommand{\pinfty}{1/p^{\infty}}$   
 $\newcommand{\power}{\mathcal{P}}$   $\newcommand{\calL}{\mathcal{L}}$   $\newcommand{\calC}{\mathcal{C}}$   
 $\newcommand{\calN}{\mathcal{N}}$   $\newcommand{\calB}{\mathcal{B}}$   $\newcommand{\calF}{\mathcal{F}}$   
 $\newcommand{\calR}{\mathcal{R}}$   $\newcommand{\calS}{\mathcal{S}}$   $\newcommand{\calU}{\mathcal{U}}$   
 $\newcommand{\calT}{\mathcal{T}}$   $\newcommand{\gal}{\text{Gal}}$   $\newcommand{\isom}{\approx}$   
 $\newcommand{\idl}{\text{Idl}}$   $\newcommand{\lub}{\text{lub}}$   $\newcommand{\glb}{\text{glb}}$   
 $\newcommand{\cis}{\text{cis}}$  \$

<b>Instructor:</b>	Fernando Guzmán	WH-116	x-72876	fer@math.binghamton.edu
<b>Classroom:</b>	WH-329	MWF	9:40 - 10:40	
	WH-329	T	8:30 - 9:55	
<b>Office Hours:</b> (subject to change)	Monday	1:15 - 2:15	p.m.	
	Tuesday	4:00 - 5:00	p.m.	
	Friday	8:30 - 9:30	a.m.	

## Announcements

Class notes for the periods 01/22/19-02/06/19 and 02/11/19-02/19/19 are posted below. They are likely to contain typos and mistakes. Please send me a note whenever you see one.

### Homework

Class notes 01/22/19-02/06/19

Class notes 02/11/19-02/19/19

Class notes 02/19/19-03/15/19

Class notes 03/25/19-04/12/19

Class notes 04/15/19-05/10/19

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