Course Name (sorted by starting Date/Times)	**Instructor**	**Dates/ Times**
User Experience Students are introduced to the fundamentals of user experience through the lens of Catholic social doctrine, selected Church documents, and saints. The course introduces students to the foundations of human factors applied to digital design for all, including people with disabilities. User Experience topics such as UI design, accessibility, and user research will be covered.	**Peter McNally:** Peter McNally is a Senior Consultant at the User Experience Center (UXC) at Bentley University. Pete has extensive experience in usability, information architecture, accessibility, and software engineering. His current areas of interest include the intersection of user experience (UX) and customer experience (CX), and universal design. Prior to joining the UXC, Pete was a Principal Consultant in the CSC User Experience Practice, Senior User Experience Architect at HP Enterprise Services, Research Officer at University of Hertfordshire in the UK, and Senior Software Engineer at 3M Health Information Systems. Pete holds a Bachelor of Science in Computer Science from Northeastern University and a Master of Science in Computer Science from Rensselaer Polytechnic Institute (RPI). He holds a CPACC (Certified Professional in Accessibility Core Competencies) certification from the International Association of Accessibility Professionals (IAAP). He is a member of the International User Experience Professionals' Association (UXPA), ACM CHI, and IAAP.	Mondays 5:30-7:00 p.m. PST April 12 - June 7 No class Memorial Day

Project Management Project Management is a critical skill for aspiring leaders in any organization and the same project management principles can be applied to almost any industry. Project Managers set objectives, identify strategies, enable individuals to work in teams, and build new capabilities. Communication, organization, and collaboration all come together in this dynamic discipline. This course covers the fundamentals of project management including introductions to the Waterfall, Iterative, and Agile methodologies. Students will learn key project management concepts like scheduling, budgeting, and resource management as well as exposure to agile concepts like Scrum and Kanban. This class serves as an introduction to the wider world of project management.	**Michael Stefanini:** Mr. Stefanini is a Senior Engineer for Caltech at NASA's Jet Propulsion Laboratory. He was the leader of the IT Development and Project Management Office, managed JPL's Cloud Computing services, and is currently the Chief Engineer for Digital Transformation. He holds a Master's degree in Electrical and Computer and Systems Engineering. He has designed and implemented enterprise engineering and IT systems and has been involved with spacecraft engineering, process definition, and IT delivery for over 25 years. He has received numerous accolades including several NASA Honor Awards, the JPL Explorer Award, and the NASA Exceptional Achievement Medal for improvements to software development processes. Mr. Stefanini has lectured at many venues including the Project Management Institute, Gartner Conferences, MIT, NASA summits, and at the United Nations.	Tuesdays 5:30-7:00 p.m. PST April 13 - June 1
Parish Finance This introductory course covers the fundamental principles of accounting. It aims to give students the necessary skills to read, understand, and analyze financial statements typically seen in Roman Catholic entities like dioceses, parishes, schools, and charities. Towards that end, the students learn the accounting process at a managerial level so that they become conversant in financial and accounting terminology. The course will present financial management best-practices for savings and debt options, transparency, and controls.	**Fr. Anthony Stoeppel**: Fr. Anthony Stoeppel is the Vice-Rector of St. Patrick's Seminary & University in the Archdiocese of San Francisco. Previously, he taught at the Pontifical University of Santa Croce in Rome for the Program of Church Management. He also brings significant diocesan experience to the CPU. He was Vicar General of the Diocese of Tyler and also served as Chairman of the Parish & Mission Assistance Program and President of Bishop Thomas K. Gorman Catholic Schools, as well as pastor of Our Lady of Victory parish, a largely Spanish-speaking parish in the Diocese of Tyler. Fr. Stoeppel attended Holy Apostles Seminary in Cromwell, Connecticut, and holds a Doctorate of Sacred Theology in the field of bioethics from Pontifical University of Santa Croce.	Wednesdays 10:30 a.m. -12:00 NOON PST April 14 - June 2

Business Technology	Dr. Marcus Birkenkrahe:	Wednesdays
A global pandemic lays waste to traditional structures and ways of working. Suddenly, everybody is a "user," connections are mostly digital, and "interfaces" dominate relationships. The unique focus of this course is on building better technologies by grounding our understanding of technological progress in Catholic values. The course is aimed primarily at professionals, but it may be interesting to anyone who agrees with St. Thomas Aquinas that technology is discovered by humans through reason and choosing between good and evil, and that both faith and reason are necessary to help us develop and use technology well. The format of this course is interactive: it includes short lectures, discussion, storytelling, quizzes, and an agile project. Participants are encouraged to bring their own stories and experiences to class in order to gain a deeper understanding of the foundations of business IT. Individual topics covered: current IT trends, agile tools and techniques, business process modeling, process mining, data literacy, business analytics, literate programming, and digital transformation.	Marcus Birkenkrahe has been a professor of business information systems at the Berlin School of Economics and Law (Germany's largest business school) since 2007. Before joining academia, he worked as an executive for Accenture and Royal Dutch Shell. He holds a Ph.D. in theoretical particle physics and was one of the original developers of the World-Wide Web at CERN in the 1990s. He's an associate editor of the International Journal of Data Science, and on the editorial board of the International Journal of Big Data Managemen. You can find out more about him at: https://linkedin.com/in/birkenkrahe.	12:00-1:30 p.m. PST April 14 - June 2

Application Development This course is a hands-on projected-oriented programming course. One of the course goals is to develop a complete web application spanning from design to implementation. Students are expected to have basic programming experience or have taken an introduction to programming course.	**Dr. John Tran:** Dr. Tran holds a Ph.D. in Computer Science from the University of Southern California and his thesis focused on combinatoric algorithms using adiabatic quantum annealing optimization. He has over 20 years of work experience spanning across multiple scientific and engineering domains. As a computer scientist at the Stanford Linear Accelerator Center, Information Sciences Institute, and the Jet Propulsion Laboratory, he conducted research in high-performance computing and optimization algorithms for large-scale data processing systems which has been published in peer-reviewed journals and conferences.	Wednesdays 5:30-7:00 p.m. PST April 14 - June 2

Advanced Cybersecurity Practice
Advanced topics in Cybersecurity addresses current challenges facing information security professionals. This course includes hands-on laboratory exercises to accompany course lectures.
 	
Prerequisites: Students must have an understanding of:
   1) Networking Concepts
   2) Vulnerability Management
   3) System Event Logging
   4) Encryption
	Cornel Ruston:
	Mr. Ruston is Cybersecurity, cyber risk, compliance and IT operations leader with over 25 years' experience providing business and technical leadership, advisory, operational and implementation services. Specialized in improving business value and productivity through strategic direction, operational vision, and transformational actions across organizations' cybersecurity, cyber risk, compliance and IT operations activities. He has helped business leaders gain a better understanding of the cybersecurity landscape, including how it may impact the organization, and establish operational priorities in line with the organizational risk appetite
		Thursdays
		
		5:00-6:30 p.m. PST
		
		April 15 - June 3